

Table F3
ENTITY TYPES
Existing TSSDS v. 1.75 Data Model Structure

KEY COLUMN	ENTITY TYPE NAME	ENTITY CLASS NAME	ENTITY SET NAME	OBJECT TYPE	POLYGON COVERAGE	LINE COVERAGE	POINT COVERAGE	TABLE NAME	DISCRIMINATOR NAME	DOMAIN TABLE	VERSION	DEFINITION	CONTRIBUTOR	STANDARDS	EDIT STATUS
200001	noise_zone_area	auditory_noise	auditory	G/GT Polygon	aunoizon			aunoizon	N/A	N/A	1.60	An area that describes the noise attributed to operations. For aircraft operations, the Day/Night average sound level (Ldn) descriptor is typically used to categorize noise levels.	Ketron/EMA	TSSDS	
200002	noise_source_point	auditory_noise	auditory	Point			aunoisrc	aunoisrc	N/A	N/A	1.60	The location of a source of noise.	Ketron/EMA	TSSDS	
200003	noise_incident_point	auditory_noise	auditory	Point			aunoisit	aunoisit	N/A	N/A	1.60	The location where a noise incident occurs.	Ketron/EMA	TSSDS	
200004	noise_monitoring_point	auditory_noise	auditory	Point			aunoismp	aunoismp	N/A	N/A	1.60	The location of noise sensing equipment or where a noise sample is taken.	Ketron/EMA	TSSDS	
200005	political_jurisdiction_area	boundary_jurisdiction	boundary	G/GT Polygon	bdjurpln			bdjurpol	govern_d	d_govtyp	1.60	Land and water under the right, power, or authority of various local, state, and national governments.	Ketron/EMA	TSSDS	
200006	district_area	boundary_jurisdiction	boundary	G/GT Polygon	bdjurdsv			bdjurdst	dis_hyp_d	d_dsttyp	1.60	Geographic areas of responsibility or population assignment.	Ketron/EMA	TSSDS	
200007	political_border_line	boundary_jurisdiction	boundary	String/Chain		bdjurbdrr		bdjurpol	govern_d	d_govtyp	1.60	Specific lines of demarkation between areas controlled by various local, state, and national governments.	Ketron/EMA	TSSDS	
200008	structure_existing_site	buildings_general	buildings	Point/Polygon	bggenexs		bggenexp	bggenstr	str_stat_d	d_dstrst	1.60	An existing structure that was created, by man, for occupation, storage, or to facilitate an activity.	Harold Smith	TSSDS	
200009	structure_future_site	buildings_general	buildings	Point/Polygon	bggenfut		bggenflup	bggenstr	str_stat_d	d_dstrst	1.60	A future structure that will be created, by man, for occupation, storage, or to facilitate an activity.	Harold Smith	TSSDS	
200010	canopy_pavilion_site	buildings_general	buildings	Point/Polygon	bggencan		bggencap	bggenstr	N/A	N/A	1.60	An existing structure that was created, by man, for limited protection from the environment. A canopy or pavilion structure is typically composed of a roof supported by columns with no walls.	Harold Smith	TSSDS	
200011	shed_site	buildings_general	buildings	Point/Polygon	bggenshd		bggenshp	bggenstr	N/A	N/A	1.60	An existing structure that was created, by man, typically for the storage of equipment, animals, or other possessions. A shed has an area of 100 square feet or less with four walls and no heating or cooling.	Harold Smith	TSSDS	
200012	tower_site	buildings_general	buildings	Point/Polygon	bggentwa		bggentwr	bggenstr	towr_use_d	d_dtwrus	1.60	An existing structure that was created, by man, to facilitate an activity at an elevated level above the ground.	Harold Smith	TSSDS	
200013	slab_area	buildings_general	buildings	G/GT Polygon	bggenab			bggenfnd	N/A	N/A	1.60	An existing structure, generally on the ground, typically composed of concrete, brick, asphalt, or rock that was designed to provide a base for a superstructure, a recreation surface, a patio, or other paved surface.	Harold Smith	TSSDS	
200014	structure_foundation_line	buildings_general	buildings	String/Chain		bggenfnd		bggenfnd	N/A	N/A	1.60	An existing structure, generally at or below grade, typically composed of concrete, brick, or rock that was designed to transmit the structural load to the ground.	Harold Smith	TSSDS	
200015	installation_area	cadastre_dod_property	cadastre	G/GT Polygon	cddodins			cddodins	N/A	N/A	1.60	Land and water currently owned or used by the military installation or facility	Ketron/EMA	TSSDS	
200016	dod_property_interest_area	cadastre_dod_property	cadastre	G/GT Polygon	cddodint			cddodint	int_typ_d	d_inttyp	1.60	Interests held by outside agencies or enterprises for land under the control of the Department of Defense. These might include electrical power lines or other utilities, specific interests in properties, or deeded right of ways.	Ketron/EMA	TSSDS	
200017	parcel_area	cadastre_real_estate	cadastre	G/GT Polygon	cdreltrt			cdrelpar	N/A	N/A	1.60	A single cadastral unit, which is the spatial extent of the past, present, and future rights and interests in real property and the geographic framework to support the description of the spatial extent.	Ketron/EMA	TSSDS	
200018	lease_zone_area	cadastre_real_estate	cadastre	G/GT Polygon	cdreltzn			cdrelpar	N/A	N/A	1.60	A parcel of land leased by an individual, agency, or organization for their use.	Ketron/EMA	TSSDS	
200019	zoning_area	cadastre_real_estate	cadastre	G/GT Polygon	cdrelzon			cdrelpar	zontyp_d	d_zontyp	1.60	A parcel of land zoned specifically for real estate and land management purposes; more specifically for commercial, residential, or industrial use.	Ketron/EMA	TSSDS	
200020	esement_right_of_way_area	cadastre_real_estate	cadastre	G/GT Polygon	cdrelrow			cdrelpar	N/A	N/A	1.60	A parcel of land outside the limits of the DoD installation for which formal or informal deed easement rights exist	Ketron/EMA	TSSDS	
200021	coordinate_grid_line	common_grid	common	String/Chain		cmgrdcgl		cmgrdcgl	N/A	N/A	1.60	A regular pattern of horizontal and vertical lines used to represent regular coordinate intervals along the x and y axis. This grid line can be used to generate an arbitrary grid system which is common on locator maps.	Harold Smith	TSSDS	
200022	state_plane_grid_line	common_grid	common	String/Chain		cmgrdcpg		cmgrdcgl	N/A	N/A	1.60	A regular pattern of horizontal and vertical lines used to represent State Plane coordinate intervals along the x and y axis. These intervals are usually in units of feet.	Harold Smith	TSSDS	
200023	utm_grid_line	common_grid	common	String/Chain		cmgrdutm		cmgrdcgl	N/A	N/A	1.60	A regular pattern of horizontal and vertical lines used to represent Universal Transverse Mercator coordinate intervals along the x and y axis. These intervals are usually in units of meters.	Harold Smith	TSSDS	
200024	latitude_longitude_grid_line	common_grid	common	String/Chain		cmgrdlin		cmgrdcgl	N/A	N/A	1.70	An irregular pattern of horizontal and vertical lines used to represent Latitude and Longitude coordinate intervals along the x and y axis. The units of measurement for these intervals are usually in decimal degrees (DD), or degrees-minutes-seconds (DDMM)	Harold Smith	TSSDS	
200025	terrestrial_archeological_site	cultural_archeological	cultural	Point/Polygon	crarcsit		crarcsip	crarcsit	afri_d	d_doulpd	1.75	The location of a registered archeological site.	Upper 90	TSSDS	update
200026	marine_archeological_site	cultural_archeological	cultural	Point/Polygon	crarcmaa		crarcmap	crarcsit	N/A	N/A	1.60	The location of a registered underwater archeological site.	Ketron/EMA	TSSDS	
200028	historic_structure_site	cultural_historic	cultural	Point/Polygon	crhiststr			crhiststr	str_sit_d	d_strtyp	1.60	A structure that has cultural significance due to its historic background, association with a famous person, or its architectural features.	Ketron/EMA	TSSDS	
200029	historic_district_area	cultural_historic	cultural	G/GT Polygon	crhistdst			crhistdst	N/A	N/A	1.60	A group of related buildings or streetscapes that demonstrate the historical development of an area.	Ketron/EMA	TSSDS	
200030	historic_feature_point	cultural_historic	cultural	Point			crhistfet	crhistfet	N/A	N/A	1.60	Historically or culturally significant points of interest. These include monuments, memorials, landmarks, museums, historic markers, interpretive sites, etc.	Ketron/EMA	TSSDS	
200031	cultural_restricted_area	cultural_management	cultural	G/GT Polygon	crmgtrcs			crmgtrcs	N/A	N/A	1.60	An area that needs to be preserved due to the sensitive nature of the archeological or historic site. The area designated as restricted is intended to prevent access or development that will disturb the site.	Ketron/EMA	TSSDS	
200032	cultural_study_site	cultural_management	cultural	Point/Polygon	crmgltsty		crmgltsp	crmgltsty	N/A	N/A	1.60	A site under study for archeological or historic resources.	Ketron/EMA	TSSDS	
200033	cultural_probable_sensitive_site	cultural_management	cultural	Point/Polygon	crmgtsen		crmgtsen	crmgtsen	N/A	N/A	1.60	A site suspected to contain archeological or historic resources that has not been verified by a detailed archeological study.	Ketron/EMA	TSSDS	
200034	cultural_survey_area	cultural_management	cultural	G/GT Polygon	crmgtsrv		crmgtsrv	crmgtsrv	N/A	N/A	1.60	An area where detailed investigation has been conducted for cultural resources. This investigation could involve test pits, excavation areas, surface surveys, etc.	Ketron/EMA	TSSDS	
200035	chemical_waste_polluted_air_area	env_haz_air_pollution	environmental_hazards	G/GT Polygon	ehairche		ehairche	ehairche	N/A	N/A	1.60	Area where chemical waste residues are present in the air at concentrations considered to be detrimental to the environment.	Bobby Carpenter	TSSDS	
200036	medical_waste_polluted_air_area	env_haz_air_pollution	environmental_hazards	G/GT Polygon	ehairmed		ehairmed	ehairmed	N/A	N/A	1.60	Area where medical waste residues are present in the air at concentrations considered to be detrimental to the environment.	Bobby Carpenter	TSSDS	
200037	mixed_waste_polluted_air_area	env_haz_air_pollution	environmental_hazards	G/GT Polygon	ehairmix		ehairmix	ehairmix	N/A	N/A	1.60	Area where mixed (i.e. radioactive & chemical) waste residues are present in the air at concentrations considered to be detrimental to the environment.	Bobby Carpenter	TSSDS	
200038	petroleum_waste_polluted_air_area	env_haz_air_pollution	environmental_hazards	G/GT Polygon	ehairpet		ehairpet	ehairpet	N/A	N/A	1.60	Area where waste product residues composed of petroleum based fuels, lubricants, or products are present in the air.	Bobby Carpenter	TSSDS	
200039	radioactive_waste_polluted_air_area	env_haz_air_pollution	environmental_hazards	G/GT Polygon	ehairrad		ehairrad	ehairrad	N/A	N/A	1.60	Area where radioactive waste residues are present in the air at concentrations considered to be detrimental to the environment.	Bobby Carpenter	TSSDS	
200040	air_pollution_soline_area	env_haz_air_pollution	environmental_hazards	G/GT Polygon	ehairiso		ehairiso	ehairiso	N/A	N/A	1.60	Line on either a two or three dimensional plane in the air which represents a constant measured or modeled pollution chemical constituent value (e.g., concentration).	Bobby Carpenter	TSSDS	
200041	air_pollution_plume_area	env_haz_air_pollution	environmental_hazards	G/GT Polygon	ehairplu		ehairplu	ehairplu	N/A	N/A	1.60	Line on either a two or three dimensional plane in the air which represents a constant measured or modeled pollution chemical constituent value (e.g., concentration) considered to dangerous to the environment.	Bobby Carpenter	TSSDS	
200045	building_environmental_hazard_site	env_haz_bldg_hazard_remediation	environmental_hazards	Point/Polygon	ehbdbhbdh		ehbdbhbdp	ehbdbhbdh	N/A	N/A	1.60	Site of building or structure which contains one or more building environmental hazards.	Bobby Carpenter	TSSDS	
200046	landfill_gas_monitoring_probe_point	env_haz_characterization	environmental_hazards	Point			ehchagmp	ehchagmp	N/A	N/A	1.60	Shaft placed along the perimeter of a landfill, in native soil, to detect escaping gas before it poses a threat to the adjacent environment.	Bobby Carpenter	TSSDS	
200047	magnetometer_detection_point	env_haz_characterization	environmental_hazards	Point			ehchamag	ehchamag	N/A	N/A	1.60	Location where the possible presence of subsurface munitions, tanks, drums, and other features are detected using a magnetometer or similar instrument.	Bobby Carpenter	TSSDS	
200048	air_quality_monitoring_station_point	env_haz_characterization	environmental_hazards	Point			ehchamst	ehchamst	N/A	N/A	1.60	Equipment installed at a predetermined location for the automatic or manual periodic collection of environmental air samples.	Bobby Carpenter	TSSDS	
200049	monitoring_well_point	improvement_wells	improvement	Point			ehwelmw	ehwelmw	N/A	N/A	1.60	A shaft drilled in the earth for the purpose of collecting groundwater environmental samples.	Bobby Carpenter	TSSDS	
200050	field_sample_collection_location_point	env_haz_characterization	environmental_hazards	Point			ehchaspt	ehchaspt	spt_d	d_sampt	1.75	The physical location at which one or more environmental hazards field samples are collected.	Bobby Carpenter	TSSDS	update
200051	emergency_eyewash_point	env_haz_emergency_preparedness	environmental_hazards	Point			ehempeme	ehempeme	N/A	N/A	1.60	A fixture or apparatus whose purpose is to flush the eyes of workers with potable water in the event of an accident.	Bobby Carpenter	TSSDS	
200052	emergency_shower_point	env_haz_emergency_preparedness	environmental_hazards	Point			ehempems	ehempems	N/A	N/A	1.60	A fixture or apparatus whose purpose is to apply potable water to the entire body of workers in the event of an accident.	Bobby Carpenter	TSSDS	
200053	hazards_potential_release_point	env_haz_emergency_preparedness	environmental_hazards	Point			ehemprrt	ehemprrt	N/A	N/A	1.60	Location of an item which has been identified as a potential spill, emission, or pollution release source.	Bobby Carpenter	TSSDS	
200054	spill_containment_feature_area	env_haz_emergency_preparedness	environmental_hazards	G/GT Polygon	ehempscf		ehempscf	ehempscf	N/A	N/A	1.60	Device or feature prepositioned or constructed at a potential spill/release location for the purpose of containing a potential spill. This includes the orientation of booms on the water and fixed booms on the land.	Bobby Carpenter	TSSDS	
200055	spill_containment_tank_point	env_haz_emergency_preparedness	environmental_hazards	Point			ehempscst	ehempscst	N/A	N/A	1.60	Receptacle or chamber constructed at a potential spill/release location for the purpose of containing a potential spill.	Bobby Carpenter	TSSDS	
200056	spill_response_feature_point	env_haz_emergency_preparedness	environmental_hazards	Point			ehemparf	ehemparf	N/A	N/A	1.60	Equipment, measures, or devices to be used in response to a spill emergency or preventative devices.	Bobby Carpenter	TSSDS	
200057	spill_response_staging_area	env_haz_emergency_preparedness	environmental_hazards	G/GT Polygon	ehempars		ehempars	ehempars	N/A	N/A	1.40	Location of prepositioned equipment that is used to respond to a spill or release.	Bobby Carpenter	TSSDS	
200058	contamination_reduction_zone_area	env_haz_general	environmental_hazards	G/GT Polygon	ehgenorz		ehgenorz	ehgenorz	N/A	N/A	1.60	A designated area where contaminants are removed from workers, and equipment prior to their exit from a polluted site..	Bobby Carpenter	TSSDS	
200059	decontamination_line	env_haz_general	environmental_hazards	String/Chain		ehgendec		ehgendcl	N/A	N/A	1.40	A line located within the contamination reduction zone where workers and equipment progress for sequential cleaning and removal of contaminants.	Bobby Carpenter	TSSDS	
200060	equipment_decontamination_pad_point	env_haz_general	environmental_hazards	Point			ehgenedp	ehgenedp	N/A	N/A	1.60	A designated area or structure located within the contamination reduction zone where large equipment is cleaned and decontaminated.	Bobby Carpenter	TSSDS	
200061	hazards_exclusion_zone_area	env_haz_general	environmental_hazards	G/GT Polygon	ehgenexd		ehgenexd	ehgenexz	N/A	N/A	1.60	A designated area which contains contaminants at concentrations considered hazardous for personnel or workers not wearing personal protection equipment.	Bobby Carpenter	TSSDS	
200062	hazards_onsite_command_post_point	env_haz_general	environmental_hazards	Point			ehgenomp	ehgenocp	N/A	N/A	1.60	An onsite (usually temporary) building, structure, or area where environmental hazard investigation, response, or remediation activities are coordinated and managed.	Bobby Carpenter	TSSDS	
200063	hazards_seasonal_restriction_area	env_haz_general	environmental_hazards	G/GT Polygon	ehgensra		ehgensra	ehgensra	N/A	N/A	1.60	An area where access is restricted due to environmental hazards or safety reasons.	Bobby Carpenter	TSSDS	
200064	hazards_site_information_center_point	env_haz_general	environmental_hazards	Point			ehgensic	ehgensic	N/A	N/A	1.60	An onsite (usually temporary) building, structure, or area where information concerning an environmental hazard investigation, response, or remediation activity is maintained for review or dissemination to the public and visitors.	Bobby Carpenter	TSSDS	
200065	hazards_staging_area	env_haz_general	environmental_hazards	G/GT Polygon	ehgenstg		ehgensga	ehgensga	N/A	N/A	1.60	A designated area outside the contamination reduction zone where environmental hazard investigation, response, or remediation equipment is assembled, stored, or maintained.	Bobby Carpenter	TSSDS	
200066	hazards_support_zone_area	env_haz_general	environmental_hazards	G/GT Polygon	ehgenspz		ehgensuz	ehgensuz	N/A	N/A	1.60	A designated area outside the contamination reduction zone where environmental hazard investigation, response, or remediation support operations take place.	Bobby Carpenter	TSSDS	
200067	washdown_water_tank_point	env_haz_general	environmental_hazards	Point			ehgenwdt	ehgenwrt	N/A	N/A	1.60	A receptacle for collecting water from equipment cleaning and decontamination operations.	Bobby Carpenter	TSSDS	

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200068	hazardous_waste_disposal_area	env_haz_general_pollution	environmental_hazards	G/GT Polygon	ehpolhw			ehpolhw	N/A	N/A	1.40	A location where hazardous waste has been disposed of (e.g., pit, buried drums, etc.).	Bobby Carpenter	TSSDS	
200072	nonpoint_source_pollution_area	env_haz_general_pollution	environmental_hazards	G/GT Polygon	ehpolnsp			ehpolnsp	N/A	N/A	1.70	Broad area, or one centralized point location, which contributes pollution to the environment (e.g., agricultural cropland).	Bobby Carpenter	TSSDS	
200073	chemical_waste_polluted_groundwater_area	env_haz_groundwater_pollution	environmental_hazards	G/GT Polygon	ehgwiche			ehgwiche	N/A	N/A	1.60	Area where chemical waste residues are present in the groundwater at concentrations considered to be detrimental to the environment.	Bobby Carpenter	TSSDS	
200074	medical_waste_polluted_groundwater_area	env_haz_groundwater_pollution	environmental_hazards	G/GT Polygon	ehgwimed			ehgwimed	N/A	N/A	1.60	Area where medical waste residues are present in the groundwater at concentrations considered to be detrimental to the environment.	Bobby Carpenter	TSSDS	
200075	mixed_waste_polluted_groundwater_area	env_haz_groundwater_pollution	environmental_hazards	G/GT Polygon	ehgwmix			ehgwmix	N/A	N/A	1.60	Area where mixed (i.e. radioactive & chemical) waste residues are present in the groundwater at concentrations considered to be detrimental to the environment.	Bobby Carpenter	TSSDS	
200076	petroleum_waste_polluted_groundwater_area	env_haz_groundwater_pollution	environmental_hazards	G/GT Polygon	ehgwtpet			ehgwtpet	N/A	N/A	1.60	Area where waste product residues composed of petroleum based fuels, lubricants, or products are present in the groundwater.	Bobby Carpenter	TSSDS	
200077	radioactive_waste_polluted_groundwater_area	env_haz_groundwater_pollution	environmental_hazards	G/GT Polygon	ehgwtrad			ehgwtrad	N/A	N/A	1.60	Area where radioactive waste residues are present in the groundwater at concentrations considered to be detrimental to the environment.	Bobby Carpenter	TSSDS	
200078	groundwater_pollution_isoline_area	env_haz_groundwater_pollution	environmental_hazards	G/GT Polygon	ehgwiso			ehgwiso	N/A	N/A	1.60	Line on either a two or three dimensional plane in the groundwater which represents a constant measured or modeled pollution chemical constituent value (e.g., concentration).	Bobby Carpenter	TSSDS	
200079	groundwater_pollution_plume_area	env_haz_groundwater_pollution	environmental_hazards	G/GT Polygon	ehgwtplu			ehgwtplu	N/A	N/A	1.60	Line on either a two or three dimensional plane in the groundwater which represents a constant measured or modeled pollution chemical constituent value (e.g., concentration) considered to dangerous to the environment.	Bobby Carpenter	TSSDS	
200080	regulated_aboveground_storage_tank_point	env_haz_regulated_tank_manage	environmental_hazards	Point			ehnkast	ehnkast	N/A	N/A	1.60	A receptacle or chamber used for storing bulk fuels or chemicals of which 90 percent or more is located above the surface of the ground.	Bobby Carpenter	TSSDS	
200081	contained_hazwaste_storage_area	env_haz_hazmat_hazwaste_manage	environmental_hazards	G/GT Polygon	ehhmwhsa			ehhmwhsa	N/A	N/A	1.60	A defined or bounded geographical area designated and used for the storage of contained hazardous materials and/or contained hazardous waste.	Bobby Carpenter	TSSDS	
200082	contained_hazwaste_storage_building_point	env_haz_hazmat_hazwaste_manage	environmental_hazards	Point			ehhmwhsb	ehhmwhsb	N/A	N/A	1.60	A building or structure which is designated and used for the storage of contained hazardous waste.	Bobby Carpenter	TSSDS	
200083	regulated_underground_storage_tank_point	env_haz_regulated_tank_manage	environmental_hazards	Point			ehnkust	ehnkust	N/A	N/A	1.60	A receptacle or chamber used for storing bulk fuels or chemicals of which 10 percent or more is located beneath the surface of the ground.	Bobby Carpenter	TSSDS	
200084	biological_warfare_waste_area	env_haz_munitions_remediation	environmental_hazards	G/GT Polygon	ehmmbww			ehmmbww	N/A	N/A	1.40	Area where biological warfare waste residues are present or buried in the water, soil, or sediment.	Bobby Carpenter	TSSDS	
200085	chemical_warfare_waste_area	env_haz_munitions_remediation	environmental_hazards	G/GT Polygon	ehmmcwv			ehmmcwv	N/A	N/A	1.40	Area where chemical warfare waste residues are present or buried in the water, soil, or sediment.	Bobby Carpenter	TSSDS	
200086	munition_waste_disposal_area	env_haz_munitions_remediation	environmental_hazards	G/GT Polygon	ehmmrmd			ehmmrmd	N/A	N/A	1.60	Location where munitions waste (conventional, chemical, or biological) has been disposed of (e.g., pit, buried containers, etc.).	Bobby Carpenter	TSSDS	
200087	ordnance_explosive_waste_area	env_haz_munitions_remediation	environmental_hazards	G/GT Polygon	ehmmow			ehmmow	N/A	N/A	1.40	Area where ordnance and explosive waste residues are present or buried in the water, soil, or sediment.	Bobby Carpenter	TSSDS	
200088	hazards_temporary_stockpile_area	env_haz_pollution_remediation	environmental_hazards	G/GT Polygon	ehremtsa			ehremtsa	N/A	N/A	1.60	A designated area for the temporary stockpiling of contaminated soil.	Bobby Carpenter	TSSDS	
200089	hazards_remediation_excavation_area	env_haz_pollution_remediation	environmental_hazards	G/GT Polygon	ehremexa			ehremexa	N/A	N/A	1.60	The area where contaminated soil, buried drums, buried tanks, etc. are to be, or have been, excavated and removed.	Bobby Carpenter	TSSDS	
200090	hazards_operable_unit_area	env_haz_pollution_remediation	environmental_hazards	G/GT Polygon	ehremopu			ehremopu	N/A	N/A	1.60	One or more areas possessing environmental contamination characteristics which are amenable to the same type of remediation, treatment, or management procedure.	Bobby Carpenter	TSSDS	
200091	chemical_waste_polluted_sediment_area	env_haz_sediment_pollution	environmental_hazards	G/GT Polygon	ehsedche			ehsedche	N/A	N/A	1.60	Area where chemical waste residues are present in the sediment at concentrations considered to be detrimental to the environment.	Bobby Carpenter	TSSDS	
200092	medical_waste_polluted_sediment_area	env_haz_sediment_pollution	environmental_hazards	G/GT Polygon	ehsedmed			ehsedmed	N/A	N/A	1.60	Area where medical waste residues are present in the sediment at concentrations considered to be detrimental to the environment.	Bobby Carpenter	TSSDS	
200093	mixed_waste_polluted_sediment_area	env_haz_sediment_pollution	environmental_hazards	G/GT Polygon	ehsedmix			ehsedmix	N/A	N/A	1.60	Area where mixed (i.e. radioactive & chemical) waste residues are present in the sediment at concentrations considered to be detrimental to the environment.	Bobby Carpenter	TSSDS	
200094	petroleum_waste_polluted_sediment_area	env_haz_sediment_pollution	environmental_hazards	G/GT Polygon	ehsedpet			ehsedpet	N/A	N/A	1.60	Area where waste product residues composed of petroleum based fuels, lubricants, or products are present in the sediment.	Bobby Carpenter	TSSDS	
200095	radioactive_waste_polluted_sediment_area	env_haz_sediment_pollution	environmental_hazards	G/GT Polygon	ehsedrad			ehsedrad	N/A	N/A	1.60	Area where radioactive waste residues are present in the sediment at concentrations considered to be detrimental to the environment.	Bobby Carpenter	TSSDS	
200096	sediment_pollution_isoline_area	env_haz_sediment_pollution	environmental_hazards	G/GT Polygon	ehsediso			ehsediso	N/A	N/A	1.60	Line on either a two or three dimensional plane in the sediment which represents a constant measured or modeled pollution chemical constituent value (e.g., concentration).	Bobby Carpenter	TSSDS	
200097	sediment_pollution_plume_area	env_haz_sediment_pollution	environmental_hazards	G/GT Polygon	ehsedplu			ehsedplu	N/A	N/A	1.60	Line on either a two or three dimensional plane in the sediment which represents a constant measured or modeled pollution chemical constituent value (e.g., concentration) considered to dangerous to the environment.	Bobby Carpenter	TSSDS	
200098	hazards_potential_concern_site	env_haz_site_management	environmental_hazards	Point/Polygon	ehsitaoc			ehsitaoc	N/A	N/A	1.60	A site of suspected environmental contamination.	Bobby Carpenter	TSSDS	
200101	dod_formerly_used_defense_site	env_haz_site_management	environmental_hazards	Point/Polygon	ehsiftud			ehsiftud	N/A	N/A	1.60	A site which was formerly owned or used by the Department of Defense which has been identified for assessment/ investigation/ remediation under the Defense Environmental Restoration Program - Formerly Used Defense Sites (DERP-FUDS).	Bobby Carpenter	TSSDS	
200103	dod_installation_restoration_program_site	env_haz_site_management	environmental_hazards	Point/Polygon	ehsitirp			ehsitirp	N/A	N/A	1.60	A site currently owned or used by the Department of Defense which has been identified for investigation/remediation under the Installation Restoration Program (IRP).	Bobby Carpenter	TSSDS	
200105	dod_other_environmental_hazards_site	env_haz_site_management	environmental_hazards	Point/Polygon	ehsildod			ehsildod	N/A	N/A	1.60	A department of defense (dod) owned or used site area with known environmental hazards which is not separately identified.	Bobby Carpenter	TSSDS	
200107	superfund_site	env_haz_site_management	environmental_hazards	Point/Polygon	ehsitepa			ehsitepa	N/A	N/A	1.60	A site designated by the Environmental Protection Agency as a National Priority List site.	Bobby Carpenter	TSSDS	
200108	chemical_waste_polluted_soil_area	env_haz_soil_pollution	environmental_hazards	G/GT Polygon	ehsoiche			ehsoiche	N/A	N/A	1.60	Area where chemical waste residues are present in the soil at concentrations considered to be detrimental to the environment.	Bobby Carpenter	TSSDS	
200109	medical_waste_polluted_soil_area	env_haz_soil_pollution	environmental_hazards	G/GT Polygon	ehsoimed			ehsoimed	N/A	N/A	1.60	Area where medical waste residues are present in the soil at concentrations considered to be detrimental to the environment.	Bobby Carpenter	TSSDS	
200110	mixed_waste_polluted_soil_area	env_haz_soil_pollution	environmental_hazards	G/GT Polygon	ehsoimix			ehsoimix	N/A	N/A	1.60	Area where mixed (i.e. radioactive & chemical) waste residues are present in the soil at concentrations considered to be detrimental to the environment.	Bobby Carpenter	TSSDS	
200111	petroleum_waste_polluted_soil_area	env_haz_soil_pollution	environmental_hazards	G/GT Polygon	ehsoipet			ehsoipet	N/A	N/A	1.60	Area where waste product residues composed of petroleum based fuels, lubricants, or products are present or buried in the soil.	Bobby Carpenter	TSSDS	
200112	radioactive_waste_polluted_soil_area	env_haz_soil_pollution	environmental_hazards	G/GT Polygon	ehsoirad			ehsoirad	N/A	N/A	1.60	Area where radioactive waste residues are present in the soil at concentrations considered to be detrimental to the environment.	Bobby Carpenter	TSSDS	
200113	soil_pollution_isoline_area	env_haz_soil_pollution	environmental_hazards	G/GT Polygon	ehsoiso			ehsoiso	N/A	N/A	1.60	Line on either a two or three dimensional plane in the soil which represents a constant measured or modeled pollution chemical constituent value (e.g., concentration).	Bobby Carpenter	TSSDS	
200114	soil_pollution_plume_area	env_haz_soil_pollution	environmental_hazards	G/GT Polygon	ehsoiplu			ehsoiplu	N/A	N/A	1.60	Line on either a two or three dimensional plane in the soil which represents a constant measured or modeled pollution chemical constituent value (e.g., concentration) considered to dangerous to the environment.	Bobby Carpenter	TSSDS	
200115	ash_monofill_area	env_haz_solid_waste_management	environmental_hazards	G/GT Polygon	ehswmamo			ehswmamo	N/A	N/A	1.60	Receptacle where residue from an incinerator or similar combustion process is placed.	Bobby Carpenter	TSSDS	
200116	landfill_cell_area	env_haz_solid_waste_management	environmental_hazards	G/GT Polygon	ehswmcll			ehswmcll	celldis_d	d_swmdis	1.60	Excavated or constructed receptacle used for the disposal of solid waste.	Bobby Carpenter	TSSDS	
200117	landfill_collection_pipe_line	env_haz_solid_waste_management	environmental_hazards	String/Chain		ehswmcdp		ehswmcdp	N/A	N/A	1.60	Pipe for capturing and conveyance of landfill leachate and/or gas to a location for treatment or management.	Bobby Carpenter	TSSDS	
200118	solid_waste_compactor_point	env_haz_solid_waste_management	environmental_hazards	Point			ehswmwcp	ehswmcom	N/A	N/A	1.60	A receptacle or structure containing a device which compresses solid waste.	Bobby Carpenter	TSSDS	
200119	solid_waste_composting_facility_point	env_haz_solid_waste_management	environmental_hazards	Point			ehswmcdc	ehswmcdca	N/A	N/A	1.60	A receptacle or structure specifically designed and operated for the purpose of reducing solid waste to decayed organic matter.	Bobby Carpenter	TSSDS	
200120	landfill_gas_collection_well_point	env_haz_solid_waste_management	environmental_hazards	Point			ehswmgcw	ehswmgcw	N/A	N/A	1.60	Shaft drilled in the earth for the purpose of collecting and conveying gas from underneath a landfill to the ground's surface.	Bobby Carpenter	TSSDS	
200121	landfill_gas_flare_station_point	env_haz_solid_waste_management	environmental_hazards	Point			ehswmgfs	ehswmgfl	N/A	N/A	1.60	Device creating a vacuum on the gas collection system bringing the collected gas to a flare where it can be safely combusted.	Bobby Carpenter	TSSDS	
200122	landfill_gas_transport_compressor_point	env_haz_solid_waste_management	environmental_hazards	Point			ehswmgtc	ehswmgtc	N/A	N/A	1.60	Device for introducing pressurized air into a landfill gas collection system for the purpose of conveying collected gas to a gas flare station.	Bobby Carpenter	TSSDS	
200123	landfill_gas_treatment_plant_point	env_haz_solid_waste_management	environmental_hazards	Point			ehswmgtp	ehswmgtp	N/A	N/A	1.60	Device or equipment used to reduce contaminants in landfill gas to acceptable levels prior to discharge to the gas flare or environment.	Bobby Carpenter	TSSDS	
200124	solid_waste_incinerator_point	env_haz_solid_waste_management	environmental_hazards	Point			ehswminc	ehswminc	N/A	N/A	1.60	Furnace or container for disposal of solid waste by burning at high temperature.	Bobby Carpenter	TSSDS	
200125	solid_waste_landfill_area	env_haz_solid_waste_management	environmental_hazards	G/GT Polygon	ehswmfil			ehswmfil	N/A	N/A	1.40	A facility or site, permitted by a regulatory authority, which is specifically designed and managed for the land disposal of solid waste.	Bobby Carpenter	TSSDS	
200126	landfill_runoff_drain_line	env_haz_solid_waste_management	environmental_hazards	String/Chain		ehswmldr		ehswmldr	N/A	N/A	1.60	Ditch or piping system used for collecting and transporting landfill surface drainage to a monitoring and control location.	Bobby Carpenter	TSSDS	
200127	landfill_leachate_collection_sump_point	env_haz_solid_waste_management	environmental_hazards	Point			ehswmlcs	ehswmlcs	N/A	N/A	1.60	Receptacle receiving landfill leachate collected by collection piping.	Bobby Carpenter	TSSDS	
200128	landfill_leachate_pump_point	env_haz_solid_waste_management	environmental_hazards	Point			ehswmlpp	ehswmlpp	N/A	N/A	1.60	A mechanical device that draws material into itself through an entrance port and forces the material out through an exhaust port.	Bobby Carpenter	TSSDS	
200129	landfill_leachate_treatment_plant_point	env_haz_solid_waste_management	environmental_hazards	Point			ehswmltp	ehswmltp	N/A	N/A	1.60	Device or equipment used to reduce contaminants in landfill leachate to acceptable levels prior to discharge to the environment or disposal.	Bobby Carpenter	TSSDS	
200130	solid_waste_material_recovery_facility_point	env_haz_solid_waste_management	environmental_hazards	Point			ehswmmcf	ehswmmcf	N/A	N/A	1.60	A receptacle or structure where solid waste materials are collected for recycling.	Bobby Carpenter	TSSDS	
200131	landfill_runoff_retention_area	env_haz_solid_waste_management	environmental_hazards	G/GT Polygon	ehswmrra			ehswmrra	N/A	N/A	1.40	Receptacle or reservoir where landfill surface runoff is collected and sampled to determine environmental quality prior to disposal or discharge to the environment.	Bobby Carpenter	TSSDS	
200132	solid_waste_dump_area	env_haz_solid_waste_management	environmental_hazards	G/GT Polygon	ehswmswd			ehswmswd	N/A	N/A	1.40	Any discernible unit at which solid wastes have been discarded or disposed of at any time, which was not specifically designed, managed, and/or permitted for such purpose.	Bobby Carpenter	TSSDS	
200133	solid_waste_stockpile_area	env_haz_solid_waste_management	environmental_hazards	G/GT Polygon	ehswmstk			ehswmstk	N/A	N/A	1.60	Area used for short term collection and storage of solid waste prior to it's transfer to a disposal or treatment facility.	Bobby Carpenter	TSSDS	
200134	solid_waste_transfer_station_point	env_haz_solid_waste_management	environmental_hazards	Point			ehswmtst	ehswmswt	N/A	N/A	1.60	Area or structure where solid waste is transferred from a collection truck or receptacle to another truck or receptacle for transporting to a disposal or treatment facility.	Bobby Carpenter	TSSDS	
200135	landfill_transport_pipe_line	env_haz_solid_waste_management	environmental_hazards	String/Chain		ehswmtpp		ehswmtpp	N/A	N/A	1.60	Piping system for conveying pumped or pressurized landfill gas and/or leachate from a compressor or pump to a treatment system, gas flare station, or collection receptacle.	Bobby Carpenter	TSSDS	
200136	chemical_waste_polluted_surface_water_area	env_haz_surface_water_pollution	environmental_hazards	G/GT Polygon	ehswtche			ehswtche	N/A	N/A	1.60	Area where chemical waste residues are present in the surface water at concentrations considered to be detrimental to the environment.	Bobby Carpenter	TSSDS	
200137	medical_waste_polluted_surface_water_area	env_haz_surface_water_pollution	environmental_hazards	G/GT Polygon	ehswtmed			ehswtmed	N/A	N/A	1.60	Area where medical waste residues are present in the surface water at concentrations considered to be detrimental to the environment.	Bobby Carpenter	TSSDS	
200138	mixed_waste_polluted_surface_water_area	env_haz_surface_water_pollution	environmental_hazards	G/GT Polygon	ehswtmix			ehswtmix	N/A	N/A	1.60	Area where mixed (i.e. radioactive & chemical) waste residues are present in the surface water at concentrations considered to be detrimental to the environment.	Bobby Carpenter	TSSDS	

Table F3
ENTITY TYPES
Existing TSSDS v. 1.75 Data Model Structure

KEY COLUMN	ENTITY TYPE NAME	ENTITY CLASS NAME	ENTITY SET NAME	OBJECT TYPE	POLYGON COVERAGE	LINE COVERAGE	POINT COVERAGE	TABLE NAME	DISCRIMINATOR NAME	DOMAIN TABLE	VERSION	DEFINITION	CONTRIBUTOR	STANDARDS	EDIT STATUS
200139	petroleum_waste_polluted_surface_water_area	env_haz_surface_water_pollution	environmental_hazards	G/GT Polygon	ehswtpet			ehswtpet	N/A	N/A	1.60	Area where waste product residues composed of petroleum based fuels, lubricants, or products are present in the surface water.	Bobby Carpenter	TSSDS	
200140	radioactive_waste_polluted_surface_water_area	env_haz_surface_water_pollution	environmental_hazards	G/GT Polygon	ehswtrad			ehswtrad	N/A	N/A	1.60	Area where radioactive waste residues are present in the surface water at concentrations considered to be detrimental to the environment.	Bobby Carpenter	TSSDS	
200141	surface_water_pollution_isoline_area	env_haz_surface_water_pollution	environmental_hazards	G/GT Polygon	ehswtiso			ehswtiso	N/A	N/A	1.60	Line on either a two or three dimensional plane in the surface water which represents a constant measured or modeled pollution chemical constituent value (e.g., concentration).	Bobby Carpenter	TSSDS	
200142	surface_water_pollution_plume_area	env_haz_surface_water_pollution	environmental_hazards	G/GT Polygon	ehswtplu			ehswtplu	N/A	N/A	1.60	Line on either a two or three dimensional plane in the surface water which represents a constant measured or modeled pollution chemical constituent value (e.g., concentration) considered to dangerous to the environment.	Bobby Carpenter	TSSDS	
200143	fauna_general_habitat_site	fauna_habitat	fauna	Point/Polygon	fahabare		fahabarp	fahabars	N/A	N/A	1.60	An site identified as being the habitat for an aggregate of fauna.	Ketron/EMA	TSSDS	
200145	fauna_general_population_area	fauna_habitat	fauna	G/GT Polygon	fahabpop			fahabpop	N/A	N/A	1.60	An area of population for an aggregate of fauna species.	Ketron/EMA	TSSDS	
200146	fauna_general_nesting_site	fauna_habitat	fauna	Point/Polygon	fahabnea		fahabnes	fahabnes	nest_typ_d	d_nsttyp	1.60	A known nesting site for a group of fauna species.	Ketron/EMA	TSSDS	
200147	fauna_general_habitat_buffer_zone_area	fauna_management	fauna	G/GT Polygon	famgtbuf			famgtbuf	N/A	N/A	1.60	An area surrounding an identified habitat for an aggregate of fauna species..	Ketron/EMA	TSSDS	
200148	fauna_general_habitat_sample_point	fauna_management	fauna	Point			famgtsmpt	famgtismp	N/A	N/A	1.60	A location where the habitat of an aggregate of fauna species has been sampled.	Ketron/EMA	TSSDS	
200149	fauna_study_area	fauna_management	fauna	G/GT Polygon	famgtisty			famgtisty	N/A	N/A	1.40	A geographic area created for the study of fauna.	Ketron/EMA	TSSDS	
200150	fauna_incident_point	fauna_management	fauna	Point			famgtins	famgtins	N/A	N/A	1.60	The location of a fauna-related incident such as a dead or injured animal.	Ketron/EMA	TSSDS	
200151	fauna_hazard_area	fauna_management	fauna	G/GT Polygon	famgthaz			famgthaz	N/A	N/A	1.60	An area where there are hazards due to wildlife activities. This includes bird aircraft strike hazard (BASH) areas, and deer strike areas.	Ketron/EMA	TSSDS	
200152	fauna_viewing_point	fauna_management	fauna	Point			famgtvws	famgtvws	N/A	N/A	1.60	A site where wildlife can be regularly viewed.	Ketron/EMA	TSSDS	
200153	flora_general_population_area	flora_habitat	flora	G/GT Polygon	fhabpop			fhabpop	N/A	N/A	1.60	An area of population for an aggregate of species of flora.	Ketron/EMA	TSSDS	
200154	flora_general_geographic_range_area	flora_habitat	flora	G/GT Polygon	fhabrmg			fhabrmg	N/A	N/A	1.60	The geographic range where environmental conditions permit the existence of an aggregate of species of flora.	Ketron/EMA	TSSDS	
200155	flora_general_land_vegetation_area	flora_habitat	flora	G/GT Polygon	fhabveg			fhabveg	N/A	N/A	1.60	A discrete area where land flora has been classified.	Ketron/EMA	TSSDS	
200156	flora_general_aquatic_vegetation_area	flora_habitat	flora	G/GT Polygon	fhabaqr			fhabaqr	N/A	N/A	1.60	A discrete area where submerged or partially submerged aquatic flora has been classified.	Ketron/EMA	TSSDS	
200158	flora_replanting_site	flora_management	flora	Point/Polygon	fimgtrpl			fimgtrpl	N/A	N/A	1.60	An site where flora has been reintroduced.	Ketron/EMA	TSSDS	
200159	flora_special_plant_site	flora_management	flora	Point/Polygon	fimgtspa			fimgtspa	N/A	N/A	1.60	A site or location where there are threatened, endangered, or sensitive floral species.	Ketron/EMA	TSSDS	
200161	flora_study_area	flora_management	flora	G/GT Polygon	fimgtsty			fimgtsty	N/A	N/A	1.60	A geographic area created for the study of flora.	Ketron/EMA	TSSDS	
200163	flora_sample_site	flora_management	flora	Point/Polygon	fimgtsma			fimgtsmp	N/A	N/A	1.70	A site where flora samples are gathered.	Ketron/EMA	TSSDS	
200164	forest_stand_area	flora_management	flora	G/GT Polygon	fimgtfst			fimgtfst	N/A	N/A	1.60	A forest flora community with similar characteristics.	Ketron/EMA	TSSDS	
200165	forest_compartment_area	flora_management	flora	G/GT Polygon	fimgtcmp			fimgtst	N/A	N/A	1.60	An aggregate of forest stands.	Ketron/EMA	TSSDS	
200166	forest_plot_area	flora_management	flora	G/GT Polygon	fimgtfpt			fimgtfst	N/A	N/A	1.60	A semi-permanent area created to sample the forest composition in order to derive timber volume estimates, and track the status of the forest over time.	Ketron/EMA	TSSDS	
200167	timber_harvest_area	flora_management	flora	G/GT Polygon	fimgttim			fimgttim	N/A	N/A	1.60	An area where timber has been or will be harvested.	Ketron/EMA	TSSDS	
200168	flora_fire_area	flora_management	flora	G/GT Polygon	fimgtfir			fimgtfir	N/A	N/A	1.60	An area where a fire has occurred. The fires may be wild or man-made prescribed burns.	Ketron/EMA	TSSDS	
200169	control_point	geodetic_survey	geodetic	Point			gdsrvmnt	gdsrvmnt	dim_typ_d	d_mondim	1.40	A permanently monumented survey control point constructed with an original purpose of establishing spatial location in one or more dimensions from a known reference or datum.	Harold Smith	TSSDS	
200170	survey_photo_control_point	geodetic_survey	geodetic	Point			gdsrvpct	gdsrvpct	N/A	N/A	1.60	A temporary photo control point that is used in stereo-photogrammetry as control for model creation and for stereo-compilation of digital data.	Harold Smith	TSSDS	
200171	bedrock_outcrop_area	geology_lithology	geology	G/GT Polygon	gelthare			gelthbdk	N/A	N/A	1.60	An area of surface exposed unbroken solid rock.	Ketron/EMA	TSSDS	
200173	borehole_point	geology_subsurface	geology	Point			gesubbhl	gesubbhl	brhl_typ_d	d_bortyp	1.60	A shaft drilled, driven, or dug into the earth for the purpose of installing a well or for subsurface exploration.	Bobby Carpenter	TSSDS	
200175	geologic_feature_site	geology_surface	geology	Point/Polygon	gesurflea			gesurflet	feat_typ_d	d_geofet	1.60	The site where a geologic feature or activity is apparent from it's visual representation on the surface.	Ketron/EMA	TSSDS	
200176	fault_line	geology_tectonic	geology	String/Chain	getectlt		getectlt	getectlt	N/A	N/A	1.40	A line which represents a fracture in the earth's surface that is often accompanied by a displacement of one side relative to the other.	Ketron/EMA	TSSDS	
200177	fault_zone_area	geology_tectonic	geology	G/GT Polygon	getectfz			getectft	N/A	N/A	1.60	An area where geologic faults are active or have the potential for causing earthquakes.	Ketron/EMA	TSSDS	
200178	seismic_risk_zone_area	geology_tectonic	geology	G/GT Polygon	getecsrk			getecsel	N/A	N/A	1.60	An area where there is a risk of damaging seismic events. This risk could be the result of proximity to active faults or areas of potential volcanic activity. The risk also depends upon the underlying geologic structure in an area of potential seismic eve	Ketron/EMA	TSSDS	
200179	volcano_area	geology_tectonic	geology	G/GT Polygon	getecvcn			getecvcl	N/A	N/A	1.60	An area of volcanic activity where magma and its associated gases rise through a vent onto the crust and into the atmosphere.	Ketron/EMA	TSSDS	
200180	shoreline	hydrography_coastal_zone	hydrography	String/Chain	hycznshr		hycznshr	shr_typ_d	d_shrtyp	d_shrtyp	1.60	The boundary where land meets the edge of a large body of fresh or salt water. The shoreline is the mean high water line between high and low tide.	Ketron/EMA	TSSDS	
200181	shoreline_buffer_critical_area	hydrography_coastal_zone	hydrography	G/GT Polygon	hycznblc			hycznblc	N/A	N/A	1.60	An area of land extending from the shoreline or from the landward boundary of any adjacent tidal wetland where development is regulated. Activities within this critical area have the greatest potential for affecting water quality as well as fish, plant,	Ketron/EMA	TSSDS	
200182	flood_zone_area	hydrography_floodplain	hydrography	G/GT Polygon	hyflplfz			hyflplfz	fld_zone_d	d fldzon	1.60	Areas subject to 100-year, 500-year and minimal flooding.	Ketron/EMA	TSSDS	
200183	playa_lake_area	hydrography_hydrobasin	hydrography	G/GT Polygon	hyhdbply			hyhdbply	N/A	N/A	1.60	A desert basin that temporarily becomes a shallow lake after heavy rains.	Ketron/EMA	TSSDS	
200184	watershed_area	hydrography_hydrobasin	hydrography	G/GT Polygon	hyhdbwts			hyhdbwts	N/A	N/A	1.60	The region or area drained by, or to, a particular body of water.	Ketron/EMA	TSSDS	
200185	aquifer_area	hydrography_subsurface	hydrography	G/GT Polygon	hysubaqf			hysubaqf	N/A	N/A	1.60	An area of subsurface water bearing stratum, sand or gravel.	Ketron/EMA	TSSDS	
200186	aquifer_recharge_area	hydrography_subsurface	hydrography	G/GT Polygon	hysubagr			hysubagr	N/A	N/A	1.60	An area that is a source of water for an aquifer.	Ketron/EMA	TSSDS	
200187	subsurface_water_flow_direction_arrow	hydrography_subsurface	hydrography	Point			hysubarr	N/A	N/A	N/A	1.60	A symbol indicating the general direction of underground water flow within or to an aquifer.	Ketron/EMA	TSSDS	
200188	surface_water_body_area	hydrography_surface	hydrography	G/GT Polygon	hysurwbd			hysurwbd	perman_d	d_walper	1.60	A standing body of water that can be natural or man-made including lakes, ponds, pools, etc.	Ketron/EMA	TSSDS	
200189	surface_water_course_area	hydrography_surface	hydrography	G/GT Polygon	hysurwcs			hysurcrs	perman_d	d_walper	1.60	A flowing course of water including rivers, streams, canals, etc.	Ketron/EMA	TSSDS	
200190	surface_water_course_centerline	hydrography_surface	hydrography	String/Chain			hysurwcc	hysurcrs	perman_d	d_walper	1.70	The center of a flowing course of water, normally measured at a location equidistant opposite shorelines or waterlines.	Ketron/EMA	TSSDS	
200191	waterfall_point	hydrography_surface	hydrography	Point			hysurwft	hysurwft	N/A	N/A	1.60	A point along the course of a river or stream where the surface of the bed of the watercourse falls rapidly, creating an obstacle to navigation.	Ketron/EMA	TSSDS	
200193	surface_water_flow_direction_arrow	hydrography_surface	hydrography	Point			hysurarr	N/A	N/A	N/A	1.60	A symbol indicating the direction of flow in a watercourse.	Ketron/EMA	TSSDS	
200194	wetland_area	hydrography_wetland	hydrography	G/GT Polygon	hywetlnd			hywetlnd	N/A	N/A	1.75	Those areas that are inundated or saturated by surface or ground water at a frequency and duration sufficient to support, and that under normal conditions do support, a prevalence of vegetation typically adapted for life in saturated soil conditions.	Ketron/EMA	TSSDS	update
200195	wetland_buffer_area	hydrography_wetland	hydrography	G/GT Polygon	hywetbuf			hywetbuf	N/A	N/A	1.60	Areas surrounding certain types of wetlands where any development is restricted. The buffer distance can differ based upon state regulations and the type of wetland.	Ketron/EMA	TSSDS	
200196	fence_line	improvement_general	improvement	String/Chain		imgenfnc		imgenfnc	N/A	N/A	1.60	The line, along which, a fence has been erected.	Ketron/EMA	TSSDS	
200197	gate_point	improvement_general	improvement	Point		imgengat		imgengat	N/A	N/A	1.60	The location of an entry or exit point. These entry or exit points could be security checkpoints or open access points.	Ketron/EMA	TSSDS	
200198	general_improvement_feature_point	improvement_general	improvement	Point		imgenfet		imgenfet	feat_typ_d	d_implet	1.60	The location of small features such as a post, sign, or dumpster.	Ketron/EMA	TSSDS	
200199	wall_line	improvement_general	improvement	String/Chain		imgenwal		imgenwal	N/A	N/A	1.60	A linear feature used for separation of facilities, ornamental decoration, or structural reinforcement (retaining wall).	Ketron/EMA	TSSDS	
200202	smokestack_chimney_point	improvement_general	improvement	Point		imgensmk		imgensmk	N/A	N/A	1.60	A point feature representing a vertical structure designed to carry gaseous and solid materials into the atmosphere for dispersion in the air and over the Earth's surface.	Ketron/EMA	TSSDS	
200203	golf_course_area	improvement_athletic_recreation	improvement	G/GT Polygon	imatghlf			imatghlf	N/A	N/A	1.40	The overall area which comprises a golf course, including fairways, tees, greens, practice areas, and club houses. These specific features may be included as separate entity types.	Ketron/EMA	TSSDS	
200204	recreation_trail_centerline	improvement_outdoor_recreation	improvement	String/Chain		imrectrl		imrectrl	N/A	N/A	1.60	Trails for recreational activities (running/walking, biking, hiking).	Ketron/EMA	TSSDS	
200205	recreation_feature_point	improvement_outdoor_recreation	improvement	Point		imrectet		imrectet	refc_typ_d	d_rectet	1.60	Recreation facility features such as recreation trail entry/exit points, exercise equipment, boat ramps, etc.	Ketron/EMA	TSSDS	
200206	dam_area	improvement_flood_control	improvement	G/GT Polygon	imfldcdam			imfldcdam	dam_typ_d	d_damtyp	1.60	A barrier to obstruct the flow of water.	Ketron/EMA	TSSDS	
200207	dike levee_area	improvement_flood_control	improvement	G/GT Polygon	imfldcdik			imfldcdik	lev_type_d	d_levtyp	1.60	An embankment for controlling the waters of the sea, river or other water bodies.	Ketron/EMA	TSSDS	
200208	fish_ladder_line	fauna_pisces	fauna	String/Chain		fapifsh		fapifsh	N/A	N/A	1.60	A structure that assists fish in reaching a higher water level.	Ketron/EMA	TSSDS	
200209	surface_water_gaging_station_point	improvement_flood_control	improvement	Point		imfldcgag		imfldcgag	N/A	N/A	1.60	A location where the water level in a watercourse is measured.	Ketron/EMA	TSSDS	
200210	subsurface_mine_shaft_point	land_status_general	land_status	Point		lsgensms		lsgenmin	N/A	N/A	1.60	The location of an access point to a subterranean tunnel or shaft.	Ketron/EMA	TSSDS	
200211	surface_mine_area	land_status_general	land_status	G/GT Polygon	lsgenmin			lsgenmin	N/A	N/A	1.40	An area where the surface soils and structures have been removed to gain access to underlying raw material deposits.	Ketron/EMA	TSSDS	
200212	land_use_area	land_status_land_condition	land_status	G/GT Polygon	lscndlus			lscndlus	N/A	N/A	1.60	This feature describes man's categorization of the use of land and water.	Ketron/EMA	TSSDS	
200213	land_cover_area	land_status_land_condition	land_status	G/GT Polygon	lscndlcv			lscndlcv	N/A	N/A	1.60	This feature describes the appearance of the surface of the Earth.	Ketron/EMA	TSSDS	
200214	agricultural_outlease_area	land_status_land_condition	land_status	G/GT Polygon	lscndago			lscndago	N/A	N/A	1.60	Department of Defense land areas that are leased to private concerns for agricultural use. The Department of Defense receives lease payment and the land is maintained by the private concern.	Ketron/EMA	TSSDS	
200215	grounds_maintenance_area	land_status_land_condition	land_status	G/GT Polygon	lscndgma			lscndgma	N/A	N/A	1.60	Outside areas where landscaped vegetation are maintained.	Ketron/EMA	TSSDS	
200216	developable_area	land_status_land_management	land_status	G/GT Polygon	lsmgtdev			lsmgtdev	N/A	N/A	1.40	Areas identified as being capable of supporting development.	Ketron/EMA	TSSDS	
200217	construction_site	land_status_land_management	land_status	Point/Polygon	lsmgtcon			lsmgtcon	N/A	N/A	1.60	Sites identified for construction or sites currently being developed. An identified developable area will be modified only when the area is actually under construction.	Ketron/EMA	TSSDS	

Table F3
ENTITY TYPES
Existing TSSDS v. 1.75 Data Model Structure

KEY COLUMN	ENTITY TYPE NAME	ENTITY CLASS NAME	ENTITY SET NAME	OBJECT TYPE	POLYGON COVERAGE	LINE COVERAGE	POINT COVERAGE	TABLE NAME	DISCRIMINATOR NAME	DOMAIN TABLE	VERSION	DEFINITION	CONTRIBUTOR	STANDARDS	EDIT STATUS
200218	land_reclamation_project_site	land_status_land_management	land_status	Point/Polygon	ismgtlcl		ismgtlcp	ismgtlcl	N/A	N/A		1.60 Sites where an ecosystem has been reclaimed or enhanced by man's efforts. This includes the restoration or creation of wetlands, dunes, stable shorelines, etc.	Ketron/EMA	TSSDS	
200219	land_problem_area	land_status_land_management	land_status	G/GT Polygon	ismgtprb			ismgtprb	N/A	N/A		1.60 Areas where land problems such as soil erosion or shoreline erosion require specific land management prescriptions.	Ketron/EMA	TSSDS	
200220	scenic_view_point	land_status_land_management	land_status	Point			ismgtlsw	ismgtlsw	N/A	N/A		1.60 Points of land identified as being significant due to their scenic qualities. These resources need to be protected or enhanced through careful management.	Ketron/EMA	TSSDS	
200221	elevation_area	landform_hypsography	landform	G/GT Polygon	lfhypela			lfhypelv	elev_typ_d	d_elvtyp		1.40 An area of equal or similar vertical elevation on the surface of the earth.	Ketron/EMA	TSSDS	
200222	elevation_contour_line	landform_hypsography	landform	String/Chain	lfhypc		lfhypelc	lfhypc	cntr_typ_d	d_cntrtyp		1.60 Connecting points on the surface of the earth of equal vertical elevation representing some fixed elevation interval.	Ketron/EMA	TSSDS	
200223	spot_elevation_point	landform_hypsography	landform	Point			lfhypels	lfhypelspt	spot_typ_d	d_sptelv		1.60 A point on the surface of the earth of known elevation.	Ketron/EMA	TSSDS	
200224	topography_slope_gradient_area	landform_topography	landform	G/GT Polygon	lftpslgl			lftpslgl	N/A	N/A		1.60 Slope is the inclination of the landform surface from horizontal. Gradient is the amount of the inclination measured in degrees or percentage from level.	Ketron/EMA	TSSDS	
200225	physiographic_area	landform_topography	landform	G/GT Polygon	lftpyphy			lftopyphy	N/A	N/A		1.40 A region that displays relative similarity in one or more attributes such as geologic structure and climate. It is important to remember that a physiographic region is a broad generalization and the boundary that defines the region represents the zone of	Ketron/EMA	TSSDS	
200226	military_route_line	military_air_operations	military_operations	String/Chain		mlaimtr		mlaimtr	N/A	N/A		1.75 The location of military training routes used by the DoD and associated Reserve and Air Guard Units for the purpose of conducting low altitude navigation and tactical training in both IFR and VFR weather conditions below 10,000 feet MSL at airspeeds in ex	Ketron/EMA	TSSDS	update
200227	military_route_point	military_air_operations	military_operations	Point			mlairtp	mlaimtr	N/A	N/A		1.75 The location of starting, turning, ending and alternate points for military training routes.	Ketron/EMA	TSSDS	update
200228	military_special_useairspace_area	military_air_operations	military_operations	G/GT Polygon	mlairsua			mlairsua	N/A	N/A		1.75 Special use airspace (SUA) is a three-dimensional region of airspace for activities which must be confined because of their nature. Limitations may be imposed upon aircraft operations that are not a part of the airspace activities. Special use airspace in	Ketron/EMA	TSSDS	update
200229	military_surface_danger_zone_area	military_safety	military_operations	G/GT Polygon	mlsftsdz			mlsftsdz	N/A	N/A		1.75 Areas where live or inert ordnance impact the earth after being dropped from aircraft, fired from ground-based artillery, or fired from shipboard guns.	Ketron/EMA	TSSDS	update
200230	ammunition_storage_area	military_safety	military_operations	G/GT Polygon	mlstamo			mlstamo	N/A	N/A		1.75 The area where ordnance or other explosive/hazardous devices are stored.	Ketron/EMA	TSSDS	update
200231	electromagnetic_radiation_hazard_area	military_safety	military_operations	G/GT Polygon	mlstthos			mlstthos	rad_typ_d	d_emhazd		1.75 The hazard area that emanates from electromagnetic radiation sources. The types are hazards of electromagnetic radiation to ordnance (HERO), personnel (HERP), and fuels (HERF). HERO areas are also divided into HERO Susceptible and HERO Unsafe.	Ketron/EMA	TSSDS	update
200233	military_restricted_access_area	military_security	military_operations	G/GT Polygon	mlsecacs			mlsecacc	N/A	N/A		1.75 Areas where access is restricted due to security issues.	Ketron/EMA	TSSDS	update
200234	military_access_point	military_security	military_operations	Point			mlsecacc	N/A	N/A	N/A		1.75 Entrance and exit points to a restricted area.	Ketron/EMA	TSSDS	update
200235	military_training_area	military_training	military_operations	G/GT Polygon	mlngtrgr			mlngtrgr	N/A	N/A		1.75 Areas where military training is conducted.	Ketron/EMA	TSSDS	update
200236	military_range_area	military_training	military_operations	G/GT Polygon	mlngmrng			mlngmrng	N/A	N/A		1.75 Instrumented range facilities where sophisticated training is conducted.	Ketron/EMA	TSSDS	update
200237	military_range_facility_point	military_training	military_operations	Point			mlngmfac	mlngmfac	N/A	N/A		1.75 Range facilities such as emitters, jammers, telemetry stations, and theodolites.	Ketron/EMA	TSSDS	update
200238	military_landing_zone_area	military_training	military_operations	G/GT Polygon	mlnglzn			mlnglzn	N/A	N/A		1.75 Unimproved areas where aircraft (typically helicopters) can land to pickup or offload troops and cargo.	Ketron/EMA	TSSDS	update
200239	military_drop_zone_area	military_training	military_operations	G/GT Polygon	mlnglzn			mlnglzn	N/A	N/A		1.75 Areas where parachute training is conducted.	Ketron/EMA	TSSDS	update
200240	military_target_site	military_training	military_operations	Point/Polygon	mlnglgt			mlnglgt	N/A	N/A		1.75 Targets used for bombing and strafing.	Ketron/EMA	TSSDS	update
200241	military_live_fire_range_area	military_training	military_operations	G/GT Polygon	mlnglrf			mlnglrf	N/A	N/A		1.75 An area used for live fire training. These areas can also be known as firing fans.	Ketron/EMA	TSSDS	update
200242	odor_zone_area	olfactory_general	olfactory	G/GT Polygon	olgenodz			olgenodz	N/A	N/A		1.60 An area where odors from man's activity or environmental conditions are a nuisance.	Ketron/EMA	TSSDS	
200243	soil_unit_area	soil_general	soil	G/GT Polygon	sogenunt			sogenunt	N/A	N/A		1.60 An area with similar soil characteristics. The size of the units used for an installation differs based upon the smallest area of land that is managed for a particular land use.	Ketron/EMA	TSSDS	
200244	soil_sample_point	soil_general	soil	Point			sogensmp	sogensmp	N/A	N/A		1.60 Location of a soil sample taken to determine characteristics of soil.	Ketron/EMA	TSSDS	
200245	airway_line	transportation_air	transportation	String/Chain		trainway		trainway	N/A	N/A		1.60 The location of airways between origins and destinations for commercial air transportation.	Ketron/EMA	TSSDS	
200246	airfield_surface_area	transportation_air	transportation	G/GT Polygon	traisur	sur_use_d		traisur	sur_use_d	d_suruse		1.60 The surface areas that aircraft utilize. These include runways, taxiways, and parking ramps.	Ketron/EMA	TSSDS	
200247	airfield_surface_centerline	transportation_air	transportation	String/Chain		trainrad		traisur	sur_use_d	d_suruse		1.60 The center of runways and taxiways as measured from the edge of the paved surface.	Ketron/EMA	TSSDS	
200248	airfield_imaginary_surface_area	transportation_air	transportation	G/GT Polygon	trairzon			trairzon	N/A	N/A		1.75 The hypothetical surfaces above and around an airfield where there are height restrictions that prohibit obstructions to navigable airspace. These surfaces include approach zones, transition zones, etc.	Upper 90	TSSDS	update
200249	air_accident_zone_area	transportation_air	transportation	G/GT Polygon	trairapz			trairapz	N/A	N/A		1.60 Areas at the end of runways or beneath approach and departure flight paths where there is a higher potential for aircraft accidents. These areas include clear zones, and accident potential zones (APZ) I and II. Clear zones are areas immediately beyond the	Ketron/EMA	TSSDS	
200250	airspace_obstruction_point	transportation_air	transportation	Point			trairobs	trairobs	N/A	N/A		1.60 Features whose height intrudes into navigable airspace.	Ketron/EMA	TSSDS	
200251	airfield_light_point	transportation_airfield_facility	transportation	Point			traflit	traflit	lite_use_d	d_littyp		1.60 The location of dedicated airfield lights used to illuminate runways, taxiways, or helpaids as well as to guide ground traffic.	Ketron/EMA	TSSDS	
200252	airfield_facility_point	transportation_airfield_facility	transportation	Point			traflit	traflit	N/A	N/A		1.60 The location of airfield facilities such as landing aids and special instruments. Also included are specialized military facilities such as catapults, arresting gear, and "Compass Rose".	Ketron/EMA	TSSDS	
200253	pedestrian_sidewalk_area	transportation_pedestrian	transportation	G/GT Polygon	trpedwik			trpedwik	status_d	d_usetyp		1.60 A paved or concrete pad used as a pedestrian walkway.	Ketron/EMA	TSSDS	
200254	pedestrian_trail_centerline	transportation_pedestrian	transportation	String/Chain		trpedtrl		trpedwik	status_d	d_usetyp		1.60 The approximate centerline of a path used for pedestrian traffic.	Ketron/EMA	TSSDS	
200255	footbridge_area	transportation_pedestrian	transportation	G/GT Polygon	trpedbrg			trpedbrg	status_d	d_usetyp		1.75 An elevated pedestrian walkway.	Ketron/EMA	TSSDS	update
200256	pedestrian_feature_point	transportation_pedestrian	transportation	Point			trpedfct	trpedfct	N/A	N/A		1.60 A feature of interest to a pedestrian, including signs, posts, walkway lights, or pedestrian traffic signals.	Ketron/EMA	TSSDS	
200257	railroad_centerline	transportation_railroad	transportation	String/Chain		trrrdcl		trrrdcl	line_sit_d	d_usetyp		1.60 The center of a railway as measured from the outside edge of the rails. The centerline will be comprised of segments that represent rail portions with similar characteristics such as the number of tracks or the segment between two switches.	Ketron/EMA	TSSDS	
200258	railroad_feature_point	transportation_railroad	transportation	Point			trrrdlet	trrrdlet	let_typ_d	d_rallet		1.60 A feature associated with a railroad such as signals, lights, road crossings, switches.	Ketron/EMA	TSSDS	
200259	railroad_bridge_area	transportation_railroad	transportation	G/GT Polygon	trrrdbrg			trrrdbrg	N/A	N/A		1.60 A structure used by a railroad that allows passage over an obstacle such as a river, chasm, mountain, or road.	Ketron/EMA	TSSDS	
200260	railroad_area	transportation_railroad	transportation	G/GT Polygon	trrrdseg			trrrdseg	line_sit_d	d_usetyp		1.60 A portion of a railroad with similar characteristics such as the number of tracks, or the segment between two switches.	Ketron/EMA	TSSDS	
200261	road_centerline	transportation_vehicle	transportation	String/Chain		trvehcl		trvehcl	category_d	d_rodtyp		1.40 The center of the roadway as measured from the edge of the paved surface. The segments of a road centerline will coincide with the road segments in order to have similar characteristics.	Ketron/EMA	TSSDS	
200262	road_area	transportation_vehicle	transportation	G/GT Polygon	trvehrds			trvehrds	paved_d	d_pavstt		1.60 A portion of a road with similar characteristics such as the number of lanes or surface type.	Ketron/EMA	TSSDS	
200263	vehicle_parking_area	transportation_vehicle	transportation	G/GT Polygon	trvehprk			trvehprk	N/A	d_pavstt		1.60 An area used for parking vehicles not including residential streets and driveways.	Ketron/EMA	TSSDS	
200264	road_bndge_area	transportation_vehicle	transportation	G/GT Polygon	trvehbrg			trvehbrg	N/A	N/A		1.60 A structure used by vehicles that allows passage over or under an obstacle such as a river, chasm, mountain, road or railroad.	Ketron/EMA	TSSDS	
200265	road_feature_point	transportation_vehicle	transportation	Point			trvehfet	trvehfet	N/A	d_drdfet		1.75 A feature associated with a road such as road signs, and traffic lights.	Ketron/EMA	TSSDS	update
200266	curb_line	transportation_vehicle	transportation	String/Chain		trvehcbr		trvehcbr	N/A	N/A		1.60 A rim of concrete or joined stones that forms the edge of the roadway and beginning of a sidewalk, if present, or a dividing barrier.	Ketron/EMA	TSSDS	
200267	road_guardrail_line	transportation_vehicle	transportation	String/Chain		trvehgrd		trvehgrd	N/A	N/A		1.60 Any structure used to protect pedestrians from vehicular traffic or otherwise constrain vehicular traffic	Ketron/EMA	TSSDS	
200268	energy_control_monitoring_cable_line	utilities_cntrl_mntr_system	utilities	String/Chain		utecmcbl		utecmcbl	instl_ty_d	d_dsinst		1.40 Data transmission media, typically fiber optics or shielded twisted-pair.	USAED-Savannah	TSSDS	
200269	energy_control_monitoring_device_point	utilities_cntrl_mntr_system	utilities	Point			utecmdcv	utecmdcv	dev_ty_d	d_ecmdcv		1.40 Devices used in an energy monitoring/control system to collect, process or transmit data signals.	USAED-Savannah	TSSDS	
200270	energy_control_monitoring_ductbank_line	utilities_cntrl_mntr_system	utilities	String/Chain		utecmdbk		utecmdbk	N/A	N/A		1.60 A structure containing multiple conduits used to protect underground cables.	USAED-Savannah	TSSDS	
200271	energy_control_monitoring_unction_point	utilities_cntrl_mntr_system	utilities	Point			utecmped	utecmped	type_d	d_djunc		1.60 A box or small vault located below grade with above grade access where cables intersect, connect, or pass through.	USAED-Savannah	TSSDS	
200272	energy_control_monitoring_marker_point	utilities_cntrl_mntr_system	utilities	Point			utecmnrk	utgenmrk	N/A	N/A		1.40 A sign, concrete monument, etc. installed either directly above or immediately adjacent to underground lines, bends, fittings, etc.	USAED-Savannah	TSSDS	
200273	electrical_cable_line	utilities_electrical_system	utilities	String/Chain		utelecp		utelecp	instl_ty_d	d_dctl		1.60 A group of conductors used to carry electrical energy from point to point.	USAED-Savannah	TSSDS	
200274	electrical_bus_line	utilities_electrical_system	utilities	String/Chain		utelebgp		utelebgp	N/A	N/A		1.40 A rigid metallic conductor (copper or aluminum), typically in the form of a flat bar, angle stock, or square tubing.	USAED-Savannah	TSSDS	
200275	electrical_capacitor_point	utilities_electrical_system	utilities	Point			utelecap	utelecap	N/A	N/A		1.40 An electrical device placed in a circuit to correct power factor by adding reactive power to the circuit.	USAED-Savannah	TSSDS	
200276	electrical_regulator_point	utilities_electrical_system	utilities	Point			utelereg	utelereg	N/A	N/A		1.60 An electrical device that maintains its output voltage at a certain level even though its input voltage varies in a certain range over time.	USAED-Savannah	TSSDS	
200277	electrical_motor_point	utilities_electrical_system	utilities	Point			utelemot	utelemot	N/A	N/A		1.60 A machine that converts electrical energy into mechanical energy.	USAED-Savannah	TSSDS	
200278	electrical_generator_point	utilities_electrical_system	utilities	Point			utelegen	utelegen	N/A	N/A		1.40 A machine which converts mechanical energy into electrical energy.	USAED-Savannah	TSSDS	
200279	electrical_ductbank_line	utilities_electrical_system	utilities	String/Chain		uteledbk		uteledbk	N/A	N/A		1.60 A tubular structure that provides protection for underground cables contained in conduit.	USAED-Savannah	TSSDS	
200280	electrical_meter_point	utilities_electrical_system	utilities	Point			utelemtr	utelemtr	N/A	N/A		1.60 A device installed in a line for measuring the electrical power supplied to a facility or through a section of line.	USAED-Savannah	TSSDS	
200281	electrical_ground_point	utilities_electrical_system	utilities	Point			utelegnd	utelegnd	N/A	N/A		1.40 The location where the electrical configuration is grounded.	USAED-Savannah	TSSDS	
200282	electrical_unction_point	utilities_electrical_system	utilities	Point			utelemh	utelemh	use_d	d_delemh		1.60 A box or small vault (usually concrete, brick, or metal) typically located below grade with above grade access in which cables intersect, connect, or pass through.	USAED-Savannah	TSSDS	
200283	electrical_pedestal_point	utilities_electrical_system	utilities	Point			uteleped	uteleped	N/A	N/A		1.60 An above ground enclosure which provides access to underground cables.	USAED-Savannah	TSSDS	
200284	electrical_marker_point	utilities_electrical_system	utilities	Point			utelemrk	utelemrk	N/A	N/A		1.60 A sign, concrete monument, etc. installed either directly above or immediately adjacent to underground lines, bends, fittings, etc., identifying the location of the electrical equipment.	USAED-Savannah	TSSDS	
200285	electrical_splice_point	utilities_electrical_system	utilities	Point			utelespl	utelespl	N/A	N/A		1.60 The connection of two separate cables at their ends or the tapping of a conductor along the path of another conductor.	USAED-Savannah	TSSDS	
200286	electrical_substation_point	utilities_electrical_system	utilities	Point			utelesst	utelesst	N/A	N/A		1.60 A facility in an electrical system where the voltage is reduced from transmission levels to distribution levels.	USAED-Savannah	TSSDS	
200287	electrical_switch_point	utilities_electrical_system	utilities	Point			uteleswt	uteleswt	instl_ty_d	d_dswt		1.60 A device which closes and opens (connects and disconnects) an electrical circuit.	USAED-Savannah	TSSDS	

Table F3
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KEY COLUMN	ENTITY TYPE NAME	ENTITY CLASS NAME	ENTITY SET NAME	OBJECT TYPE	POLYGON COVERAGE	LINE COVERAGE	POINT COVERAGE	TABLE NAME	DISCRIMINATOR NAME	DOMAIN TABLE	VERSION	DEFINITION	CONTRIBUTOR	STANDARDS	EDIT STATUS
200288	electrical_transformer_point	utilities_electrical_system	utilities	Point			uteletrf	uteletrf	N/A	N/A	1.60	A device for increasing or decreasing voltage levels in an electrical system.	USAED-Savannah	TSSDS	
200289	electrical_transformer_bank_point	utilities_electrical_system	utilities	Point			uteletbk	uteletbk	mount_d	d_dbkmt	1.60	A location containing one or more transformers.	USAED-Savannah	TSSDS	
200290	electrical_transformer_vault_point	utilities_electrical_system	utilities	Point			uteletvt	uteletvt	N/A	N/A	1.60	An enclosure housing one or more transformers.	USAED-Savannah	TSSDS	
200291	fuel_air_eliminator_point	utilities_fuel_system	utilities	Point			utfulmsc	utfulmsc	N/A	N/A	1.60	A device or structure placed in the fuel distribution system to separate air from petroleum products.	USAED-Savannah	TSSDS	
200292	fuel_anode_point	utilities_fuel_system	utilities	Point			utfuland	utfuland	N/A	N/A	1.70	A material used for utility distribution systems that is electrically connected to a less electrolytically active material so that it will oxidize in the place of the less active material.	USAED-Savannah	TSSDS	
200293	fuel_anode_test_station_point	utilities_fuel_system	utilities	Point			utfulant	utfulant	N/A	N/A	1.60	A central location where anodes are tested for performance.	USAED-Savannah	TSSDS	
200294	fuel_filter_strainer_point	utilities_fuel_system	utilities	Point			utfulftr	utfulftr	N/A	N/A	1.60	A device through which fuel is passed to remove impurities to the fuel. Usually placed in fuel lines near fill points.	USAED-Savannah	TSSDS	
200295	fuel_fitting_point	utilities_fuel_system	utilities	Point			utfulfit	utfulfit	N/A	N/A	1.60	A fitting is an item used to connect, cap, plug or otherwise alter a pipe.	USAED-Savannah	TSSDS	
200296	fuel_flow_direction_arrow_point	utilities_fuel_system	utilities	Point			utfulanw	N/A	N/A	N/A	1.60	A flow direction arrow indicates the direction of flow through a line, valve, or component.	USAED-Savannah	TSSDS	
200297	fuel_hydrant_point	utilities_fuel_system	utilities	Point			utfulhyd	utfulhyd	N/A	N/A	1.60	Location where fuel is control discharged to users.	USAED-Savannah	TSSDS	
200298	fuel_line	utilities_fuel_system	utilities	String/Chain		utfulpip		utfulpip	use_d	d_fulpip	1.60	A pipe used to carry a substance from location to location (main line, service line, vent line, etc).	USAED-Savannah	TSSDS	
200299	fuel_junction_point	utilities_fuel_system	utilities	Point			utfulmh	utfulmh	use_d	d_dfulmh	1.60	A box or small vault (usually concrete, brick, or cast iron) located below grade with above grade access where pipes intersect. The manhole also houses associated fittings, valves, meters, etc.	USAED-Savannah	TSSDS	
200300	fuel_marker_point	utilities_fuel_system	utilities	Point			utfulmrk	utgenmrk	N/A	N/A	1.60	A sign, concrete monument, etc. installed either directly above or immediately adjacent to underground lines, bends, fittings, etc.	USAED-Savannah	TSSDS	
200301	fuel_meter_point	utilities_fuel_system	utilities	Point			utfulmtr	utfulmtr	N/A	N/A	1.60	A device installed in a line for measuring the quantity and or rate of fuel to a facility or through a section of line.	USAED-Savannah	TSSDS	
200302	fuel_oil_water_separator_point	utilities_fuel_system	utilities	Point			utfulsep	utfulsep	N/A	N/A	1.60	A filtering device placed in the fuel stream specifically to remove oil and water from the fuel.	USAED-Savannah	TSSDS	
200303	fuel_pump_point	utilities_fuel_system	utilities	Point			utfulpmp	utfulpmp	N/A	N/A	1.60	A mechanical device that draws material into itself through an entrance port and forces the material out through an exhaust port.	USAED-Savannah	TSSDS	
200304	fuel_pump_booster_station_point	utilities_fuel_system	utilities	Point			utfulpst	utfulpst	design_d	d_dwvtps	1.60	A building in which one or more pumps operate to supply material flowing at adequate pressure to or from a distribution system.	USAED-Savannah	TSSDS	
200305	fuel_rectifier_point	utilities_fuel_system	utilities	Point			utfulrec	utfulrec	N/A	N/A	1.60	A device that changes alternating current to direct current for an impressed current cathodic protection system on an element of the distribution system.	USAED-Savannah	TSSDS	
200306	fuel_regulator_reducer_point	utilities_fuel_system	utilities	Point			utfulreg	utfulreg	type_d	d_dregty	1.60	A pressure regulator automatically reduces the pressure on the downstream side of the valve to a preset magnitude.	USAED-Savannah	TSSDS	
200307	fuel_tank_site	utilities_fuel_system	utilities	Point/Polygon	utfultan		utfultnk	utfultnk	N/A	N/A	1.75	An above or below grade receptacle or chamber for holding components on a temporary basis prior to transfer or use.	USAED-Savannah	TSSDS	change
200308	fuel_valve_point	utilities_fuel_system	utilities	Point			utfulvfv	utfulvfv	N/A	N/A	1.60	A fitting or device used for shutting or throttling flow through a line.	USAED-Savannah	TSSDS	
200309	utility_pole_lower_point	utilities_general	utilities	Point			utgentwr	utgenpol	design_d	d_dpole	1.60	A structure used to elevate wires, cables, or other lines above the ground surface.	USAED-Savannah	TSSDS	
200310	utility_pole_guy_point	utilities_general	utilities	Point			utgenguy	utgenguy	design_d	d_dguy	1.60	A support configuration, which generally includes connecting hardware, cables, and anchor components, used to stabilize structures (poles, towers, etc.). Down guys typically connect to the structures at key stress points and extend to an anchor at the gro	USAED-Savannah	TSSDS	
200311	heat_cool_anchor_point	utilities_heat_cool_system	utilities	Point			uthcsanc	uthcsanc	anch_typ_d	d_dhcanc	1.60	A structure, typically concrete, used to either guide the expansion of pipes or used to fix the movement of some part of the expansion section.	USAED-Savannah	TSSDS	
200312	heat_cool_anode_point	utilities_heat_cool_system	utilities	Point			uthcsand	uthcsand	N/A	N/A	1.70	A device used in utility distribution systems that is electrically connected to a less electrolytically active material so that it will oxidize in the place of the less active material.	USAED-Savannah	TSSDS	
200313	heat_cool_anode_test_station_point	utilities_heat_cool_system	utilities	Point			uthcsant	uthcsant	N/A	N/A	1.60	A central location where anodes are tested for performance.	USAED-Savannah	TSSDS	
200314	heat_cool_fitting_point	utilities_heat_cool_system	utilities	Point			uthcsfit	uthcsfit	type_d	d_hcsfit	1.60	A fitting is an item used to connect, cap, plug or otherwise attach to a pipe.	USAED-Savannah	TSSDS	
200315	heat_cool_flow_direction_arrow_point	utilities_heat_cool_system	utilities	Point			uthcsarw	N/A	N/A	N/A	1.60	A flow direction arrow indicates the direction of flow through a line, valve, or component.	USAED-Savannah	TSSDS	
200316	heat_cool_line	utilities_heat_cool_system	utilities	String/Chain		uthcspip		uthcspip	use_d	d_dhccpip	1.40	A pipe used to carry a substance from location to location (main line, service line, vent line, etc).	USAED-Savannah	TSSDS	
200317	heat_cool_junction_point	utilities_heat_cool_system	utilities	Point			uthcsmh	uthcsmh	use_d	d_dhccsmh	1.60	A box or small vault (usually concrete, brick, or cast iron) located below grade with above grade access where pipes intersect. The manhole also houses associated fittings, valves, meters, etc.	USAED-Savannah	TSSDS	
200318	heat_cool_marker_point	utilities_heat_cool_system	utilities	Point			uthcsmrk	utgenmrk	N/A	N/A	1.60	A sign, concrete monument, etc., installed either directly above or immediately adjacent equipment marking its location.	USAED-Savannah	TSSDS	
200319	heat_cool_meter_point	utilities_heat_cool_system	utilities	Point			uthcsmtr	uthcsmtr	N/A	N/A	1.60	A device installed in a line for measuring the quantity and or rate of water to a facility or through a section of line.	USAED-Savannah	TSSDS	
200320	heat_cool_plant_area	utilities_heat_cool_system	utilities	G/GT Polygon	uthcspit		uthcspit	type_d	d_dhcplt	1.60	A building or structure containing boilers, furnaces, chillers, pumps and appurtenant equipment to produce the water temperature/pressure combinations which are distributed to other buildings and facilities.	USAED-Savannah	TSSDS		
200321	heat_cool_pump_point	utilities_heat_cool_system	utilities	Point			uthcspmp	uthcspmp	N/A	N/A	1.60	A mechanical device that draws material into itself through an entrance port and forces the material out through an exhaust port.	USAED-Savannah	TSSDS	
200322	heat_cool_rectifier_point	utilities_heat_cool_system	utilities	Point			uthcsrec	uthcsrec	N/A	N/A	1.60	A device that changes alternating current to direct current for an impressed current cathodic protection system.	USAED-Savannah	TSSDS	
200323	heat_cool_regulator_point	utilities_heat_cool_system	utilities	Point			uthcsreg	uthcsreg	N/A	N/A	1.60	A pressure regulator automatically reduces the pressure on the downstream side of the valve to a preset magnitude.	USAED-Savannah	TSSDS	
200324	heat_cool_valve_point	utilities_heat_cool_system	utilities	Point			uthcsvlv	uthcsvlv	N/A	N/A	1.60	A fitting or device used for shutting or throttling flow through a line.	USAED-Savannah	TSSDS	
200325	industrial_waste_fitting_point	utilities_industrial_system	utilities	Point			utinwfit	utinwfit	type_d	d_wasfit	1.60	A fitting is an item used to connect, cap, plug or otherwise alter a pipe.	USAED-Savannah	TSSDS	
200326	industrial_waste_flow_direction_arrow_point	utilities_industrial_system	utilities	Point			utinwarw	N/A	N/A	N/A	1.60	A flow direction arrow indicates the direction of flow through a line, valve, or component.	USAED-Savannah	TSSDS	
200327	industrial_waste_grit_chamber_point	utilities_industrial_system	utilities	Point			utinwgcb	utinwgcb	N/A	N/A	1.60	A chamber designed to remove sand, gravel, or other heavy solids that have subsiding velocities or specific gravities substantially greater than those of the organic solids in the waste water.	USAED-Savannah	TSSDS	
200328	industrial_waste_lagoon_area	utilities_industrial_system	utilities	G/GT Polygon	utinwlgn		utinwlgn	N/A	N/A	N/A	1.60	A shallow man made pool or pond for the purpose of holding industrial waste.	USAED-Savannah	TSSDS	
200329	industrial_waste_line	utilities_industrial_system	utilities	String/Chain		utinwpip		utinwpip	use_d	d_dppe	1.40	A pipe used to carry a substance from location to location (main line, service line, vent line, etc).	USAED-Savannah	TSSDS	
200330	industrial_waste_junction_point	utilities_industrial_system	utilities	Point			utinwmh	utinwmh	use_d	d_dinwmh	1.60	A box or small vault (usually concrete, brick, or cast iron) located below grade with above grade access where pipes intersect. The manhole also houses associated fittings, valves, meters, etc.	USAED-Savannah	TSSDS	
200331	industrial_waste_marker_point	utilities_industrial_system	utilities	Point			utinwmrk	utgenmrk	N/A	N/A	1.60	A sign, concrete monument, etc. installed either directly above or immediately adjacent to underground lines, bends, fittings, etc.	USAED-Savannah	TSSDS	
200332	industrial_waste_meter_point	utilities_industrial_system	utilities	Point			utinwmtr	utinwmtr	design_d	d_dmetr	1.60	A device installed in a line for measuring the quantity and or rate of waste through a section of line.	USAED-Savannah	TSSDS	
200333	industrial_waste_neutralizer_point	utilities_industrial_system	utilities	Point			utinwneu	utinwneu	N/A	N/A	1.60	A receptacle or chamber, which by chemical reactions with reactant materials in the receptacle, makes liquid waste passing through the receptacle chemically neutral.	USAED-Savannah	TSSDS	
200334	industrial_waste_oil_water_separator_site	utilities_industrial_system	utilities	Point/Polygon	utinwset		utinwsep	utinwsep	N/A	N/A	1.75	A device or structure placed in the waste stream to separate water from oil products.	USAED-Savannah	TSSDS	change
200335	industrial_waste_pump_point	utilities_industrial_system	utilities	Point			utinwpmp	utinwpmp	N/A	N/A	1.60	A mechanical device that draws material into itself through an entrance port and forces the material out through an exhaust port.	USAED-Savannah	TSSDS	
200336	industrial_waste_pump_station_ejector_point	utilities_industrial_system	utilities	Point			utinwpst	utinwpst	design_d	d_wasmp	1.60	A building in which one or more pumps operate to supply material flowing at adequate pressure to or from a distribution system.	USAED-Savannah	TSSDS	
200337	industrial_waste_tank_point	utilities_industrial_system	utilities	Point			utinwtnk	utinwtnk	N/A	N/A	1.60	An above or below grade receptacle or chamber for holding components on a temporary basis prior to transfer or use.	USAED-Savannah	TSSDS	
200338	industrial_waste_treatment_plant_area	utilities_industrial_system	utilities	G/GT Polygon	utinwtp		utinwtp	N/A	N/A	N/A	1.60	Equipment; or a structure containing equipment, processes, piping, or components; used to treat and remove unwanted constituents.	USAED-Savannah	TSSDS	
200339	industrial_waste_valve_point	utilities_industrial_system	utilities	Point			utinwvlv	utinwvlv	N/A	N/A	1.60	A fitting or device used for shutting or throttling flow through a line.	USAED-Savannah	TSSDS	
200340	natural_gas_anode_point	utilities_natural_gas_system	utilities	Point			utgasand	utgasand	N/A	N/A	1.60	A material used for utility distribution systems that is electrically connected to a less electrolytically active material so that it will oxidize in the place of the less active material.	USAED-Savannah	TSSDS	
200341	natural_gas_anode_test_station_point	utilities_natural_gas_system	utilities	Point			utgasant	utgasant	N/A	N/A	1.60	A central location where anodes are tested for performance.	USAED-Savannah	TSSDS	
200342	natural_gas_fill_point	utilities_natural_gas_system	utilities	Point			utgashyd	utgashyd	N/A	N/A	1.40	Location where gas is control discharged to users.	USAED-Savannah	TSSDS	
200343	natural_gas_fiting_point	utilities_natural_gas_system	utilities	Point			utgasfit	utgasfit	type_d	d_wgfit	1.60	Hardware used to cap, plug, or join pieces of pipe.	USAED-Savannah	TSSDS	
200344	natural_gas_flow_direction_arrow_point	utilities_natural_gas_system	utilities	Point			utgasarw	N/A	N/A	N/A	1.60	A flow direction arrow indicates the direction of flow through a line, valve, or component.	USAED-Savannah	TSSDS	
200345	natural_gas_light_point	utilities_natural_gas_system	utilities	Point			utgasfix	utgasfix	N/A	N/A	1.60	A point graphic representing the location of a gas light fixture. A gas light fixture utilizes gas as it's energy source and contains a flame used for illumination of an area.	USAED-Savannah	TSSDS	

Table F3
ENTITY TYPES
Existing TSSDS v. 1.75 Data Model Structure

200346	natural_gas_line	utilities_natural_gas_system	utilities	String/Chain		utgaspip		utgaspip	use_d	d_gasip	1.40	A pipe used to carry a substance from location to location (main line, service line, vent line, etc).	USAED-Savannah	TSSDS	
200347	natural_gas_junction_point	utilities_natural_gas_system	utilities	Point			utgasmh	utgasmh	use_d	d_gasmh	1.60	A box or small vault (usually concrete, brick, or cast iron) located below grade with above grade access where pipes intersect. The manhole also houses associated fittings, valves, meters, etc.	USAED-Savannah	TSSDS	
200348	natural_gas_marker_point	utilities_natural_gas_system	utilities	Point			utgasmrk	utgenmrk	N/A	N/A	1.60	A sign, concrete monument, etc. installed either directly above or immediately adjacent to underground lines, bends, fittings, etc.	USAED-Savannah	TSSDS	
200349	natural_gas_meter_point	utilities_natural_gas_system	utilities	Point			utgasmttr	utgasmttr	N/A	N/A	1.60	A device installed in a line for measuring the quantity and or rate of gas to a facility or through a section of line.	USAED-Savannah	TSSDS	
200350	natural_gas_pump_point	utilities_natural_gas_system	utilities	Point			utgaspmp	utgaspmp	N/A	N/A	1.60	A mechanical device that draws material into itself through an entrance port and forces the material out through an exhaust port.	USAED-Savannah	TSSDS	
200351	natural_gas_pump_station_point	utilities_natural_gas_system	utilities	Point			utgaspst	utgaspst	sta_ty_d	d_dgasps	1.60	A building in which one or more pumps operate to supply material flowing at adequate pressure to or from a distribution system.	USAED-Savannah	TSSDS	
200352	natural_gas_rectifier_point	utilities_natural_gas_system	utilities	Point			utgasrec	utgasrec	N/A	N/A	1.60	A device that changes alternating current to direct current for an impressed current cathodic protection system on an element of the distribution system.	USAED-Savannah	TSSDS	
200353	natural_gas_regulator_reducer_point	utilities_natural_gas_system	utilities	Point			utgasreg	utgasreg	type_d	d_dregty	1.60	A pressure regulator automatically reduces the pressure on the downstream side of the valve to a preset magnitude.	USAED-Savannah	TSSDS	
200354	natural_gas_source_point	utilities_natural_gas_system	utilities	Point			utgassrc	utgassrc	N/A	N/A	1.60	The point from which the utility is supplied a product for processing and distribution.	USAED-Savannah	TSSDS	
200355	natural_gas_tank_point	utilities_natural_gas_system	utilities	Point			utgastnk	utgastnk	N/A	N/A	1.60	An above or below grade receptacle or chamber for holding components on a temporary basis prior to transfer or use.	USAED-Savannah	TSSDS	
200356	natural_gas_valve_point	utilities_natural_gas_system	utilities	Point			utgasvlv	utgasvlv	use_d	d_dgasvl	1.60	A fitting or device used for shutting or throttling flow through a line.	USAED-Savannah	TSSDS	
200357	storm_sewer_culvert_line	utilities_storm_system	utilities	String/Chain		utstockv		utstopip	N/A	N/A	1.60	Interception and removal of ground water or surface water.	USAED-Savannah	TSSDS	
200358	storm_sewer_downspout_point	utilities_storm_system	utilities	Point			utstodsp	utstodsp	N/A	N/A	1.60	A pipe normally attached to the side of a building or structure which conveys rainfall runoff from the roof area to the ground surface or an underground collection system.	USAED-Savannah	TSSDS	

Table F3
ENTITY TYPES
Existing TSSDS v. 1.75 Data Model Structure

KEY COLUMN	ENTITY TYPE NAME	ENTITY CLASS NAME	ENTITY SET NAME	OBJECT TYPE	POLYGON COVERAGE	LINE COVERAGE	POINT COVERAGE	TABLE NAME	DISCRIMINATOR NAME	DOMAIN TABLE	VERSION	DEFINITION	CONTRIBUTOR	STANDARDS	EDIT STATUS
200359	storm_sewer_drainage_bash_area	utilities_storm_system	utilities	G/GT Polygon	utstodbn			utstodbn	N/A	N/A	1.60	An area in which surface runoff collects and from which it is carried by a drainage system.	USAED-Savannah	TSSDS	
200360	storm_sewer_drainage_divide_line	utilities_storm_system	utilities	String/Chain		utstodiv		utstodiv	N/A	N/A	1.60	The border of a drainage basin where one side directs runoff to one basin and the other side directs runoff to a different basin.	USAED-Savannah	TSSDS	
200361	storm_sewer_fitting_point	utilities_storm_system	utilities	Point			utstofit	utstofit	type_d	d_wasfit	1.60	A fitting is an item used to connect, cap, plug or otherwise alter a pipe.	USAED-Savannah	TSSDS	
200362	storm_sewer_flow_direction_arrow_point	utilities_storm_system	utilities	Point			utstoarw	N/A	N/A	N/A	1.60	A flow direction arrow indicates the direction of flow through a line, valve, or component.	USAED-Savannah	TSSDS	
200363	storm_sewer_headwall_line	utilities_storm_system	utilities	String/Chain		utstohdl		utstohdw	N/A	N/A	1.75	A wall (of any material) at the end of a culvert or drain to serve one or more of the following purposes: protect fill from scour or undermining; increase hydraulic efficiency; divert direction of flow, and serve as a retaining wall.	USAED-Savannah	TSSDS	change
200364	storm_sewer_inlet_point	utilities_storm_system	utilities	Point			utstoinl	utstoinl	inlet_st_d	d_dinl	1.60	The location where water is collected and relieved into the utility system.	USAED-Savannah	TSSDS	
200365	storm_sewer_line	utilities_storm_system	utilities	String/Chain		utstopip		utstopip	use_d	d_dpip	1.40	A pipe used to carry a substance from location to location (main line, service line, vent line, etc).	USAED-Savannah	TSSDS	
200366	storm_sewer_unction_point	utilities_storm_system	utilities	Point			utstomh	utstomh	use_d	d_dstomh	1.60	A box or small vault (usually concrete, brick, or cast iron) located below grade with above grade access where pipes intersect. The manhole also houses associated fittings, valves, meters, etc.	USAED-Savannah	TSSDS	
200367	storm_sewer_marker_point	utilities_storm_system	utilities	Point			utstomrk	utgenmrk	N/A	N/A	1.60	A sign, concrete monument, etc. installed either directly above or immediately adjacent to underground lines, bends, fittings, etc.	USAED-Savannah	TSSDS	
200369	storm_sewer_oil_water_separator_site	utilities_storm_system	utilities	Point/Polygon	utstoset		utstosep	N/A	N/A	N/A	1.75	A device or structure placed in the water stream to separate water from oil products.	USAED-Savannah	TSSDS	change
200370	storm_sewer_open_drainage_line	utilities_storm_system	utilities	String/Chain		utstooch		utstooch	design_d	d_doch	1.60	Interception and removal of ground water or surface water by natural means.	USAED-Savannah	TSSDS	
200371	storm_sewer_pump_point	utilities_storm_system	utilities	Point			utstopmp	utstopmp	N/A	N/A	1.60	A mechanical device that draws material into itself through an entrance port and forces the material out through an exhaust port.	USAED-Savannah	TSSDS	
200372	storm_sewer_pump_station_point	utilities_storm_system	utilities	Point			utstopst	utstopst	N/A	N/A	1.60	A building in which one or more pumps operate to supply material flowing at adequate pressure to or from a distribution system.	USAED-Savannah	TSSDS	
200373	storm_sewer_stilling_basin_site	utilities_storm_system	utilities	Point/Polygon	utstoslb		utstosbn	utstosbn	N/A	N/A	1.75	The location where the energy from turbulent water flow is reduced.	USAED-Savannah	TSSDS	change
200374	storm_sewer_valve_point	utilities_storm_system	utilities	Point			utstovlv	utstovlv	N/A	N/A	1.60	A fitting or device used for shutting or throttling flow through a line.	USAED-Savannah	TSSDS	
200375	wastewater_downspout_point	utilities_wastewater_system	utilities	Point			utwvtdsp	utwvtdsp	N/A	N/A	1.60	A pipe normally attached to the side of a building or structure which conveys rainfall runoff from the roof area to the ground surface or an underground collection system.	USAED-Savannah	TSSDS	
200376	wastewater_drain_field_area	utilities_wastewater_system	utilities	G/GT Polygon	utwvtdfd			utwvtdp	N/A	N/A	1.60	The area of influence where perforated pipe placed in gravel trenches carries effluent from a waste storage containment for percolation into the earth.	USAED-Savannah	TSSDS	
200377	wastewater_filtration_bed_area	utilities_wastewater_system	utilities	Point			utwvtdfb	utwvtdstk	N/A	N/A	1.60	A below grade system consisting of perforated piping installed in sand or gravel beds or trenches designed to permit the uniform distribution and absorption of effluent from a septic tank or aerobic unit into the soil.	USAED-Savannah	TSSDS	
200378	wastewater_fitting_point	utilities_wastewater_system	utilities	Point			utwvtfif	utwvtfif	type_d	d_wasfit	1.60	A fitting is an item used to connect, cap, plug or otherwise alter a pipe.	USAED-Savannah	TSSDS	
200379	wastewater_flow_direction_arrow_point	utilities_wastewater_system	utilities	Point			utwvwarw	N/A	N/A	N/A	1.60	A flow direction arrow indicates the direction of flow through a line, valve, or component.	USAED-Savannah	TSSDS	
200380	wastewater_grease_trap_point	utilities_wastewater_system	utilities	Point			utwvgtgp	utwvgtgp	N/A	N/A	1.70	A tank which separates grease from water, collects the grease for removal, and allows the water to exit.	USAED-Savannah	TSSDS	
200381	wastewater_grit_chamber_point	utilities_wastewater_system	utilities	Point			utwvgtgcb	utwvgtgcb	N/A	N/A	1.60	A chamber designed to remove sand, gravel, or other heavy solids that have subsiding velocities or specific gravities substantially greater than those of the organic solids in the waste water.	USAED-Savannah	TSSDS	
200382	wastewater_lagoon_area	utilities_wastewater_system	utilities	G/GT Polygon	utwvwtlgn			utwvwtlgn	N/A	N/A	1.60	A shallow man made pool or pond for the purpose of providing treatment of domestic wastewater.	USAED-Savannah	TSSDS	
200383	wastewater_line	utilities_wastewater_system	utilities	String/Chain		utwvwtip		utwvwtip	use_d	d_dpip	1.40	A pipe used to carry a substance from location to location (main line, service line, vent line, etc).	USAED-Savannah	TSSDS	
200384	wastewater_unction_point	utilities_wastewater_system	utilities	Point			utwvwmh	utwvwmh	use_d	d_dvwtmh	1.60	A box or small vault (usually concrete, brick, or cast iron) located below grade with above grade access where pipes intersect. The manhole also houses associated fittings, valves, meters, etc.	USAED-Savannah	TSSDS	
200385	wastewater_marker_point	utilities_wastewater_system	utilities	Point			utwvwmrk	utgenmrk	N/A	N/A	1.60	A sign, concrete monument, etc. installed either directly above or immediately adjacent to underground lines, bends, fittings, etc.	USAED-Savannah	TSSDS	
200386	wastewater_meter_point	utilities_wastewater_system	utilities	Point			utwvwmtr	utwvwmtr	design_d	d_dmetr	1.60	A device installed in a line for measuring the quantity and or rate of water through a section of line.	USAED-Savannah	TSSDS	
200387	wastewater_neutralizer_point	utilities_wastewater_system	utilities	Point			utwvwtneu	utwvwtneu	N/A	N/A	1.60	A receptacle or chamber, which by chemical reactions with reactant materials in the receptacle, makes liquid waste passing through the receptacle chemically neutral.	USAED-Savannah	TSSDS	
200388	wastewater_oil_water_separator_site	utilities_wastewater_system	utilities	Point/Polygon	utstoset		utwvwtsep	utwvwtsep	N/A	N/A	1.75	A device or structure placed in the waste stream to separate water from oil products.	USAED-Savannah	TSSDS	change
200389	wastewater_pump_point	utilities_wastewater_system	utilities	Point			utwvwtpp	utwvwtpp	N/A	N/A	1.60	A mechanical device that draws material into itself through an entrance port and forces the material out through an exhaust port.	USAED-Savannah	TSSDS	
200390	wastewater_pump_ejector_station_point	utilities_wastewater_system	utilities	Point			utwvwtpst	utwvwtpst	design_d	d_wasmp	1.60	A building in which one or more pumps operate to supply material flowing at adequate pressure to or from a distribution system.	USAED-Savannah	TSSDS	
200391	wastewater_septic_tank_point	utilities_wastewater_system	utilities	Point			utwvwtstk	utwvwtstk	N/A	N/A	1.60	Typically, a below grade receptacle or chamber in which solid organic waste is decomposed and purified by anaerobic bacteria.	USAED-Savannah	TSSDS	
200392	wastewater_disposal_tank_site	utilities_wastewater_system	utilities	Point/Polygon	utwvwttn		utwvwttnk	utwvwttnk	N/A	N/A	1.75	An above or below grade receptacle or chamber for holding components on a temporary basis prior to transfer or use.	USAED-Savannah	TSSDS	change
200393	wastewater_treatment_plant_area	utilities_wastewater_system	utilities	G/GT Polygon	utwvwtpt			utwvwtpt	N/A	N/A	1.60	Equipment; or a structure containing equipment, processes, piping, or components; used to treat and remove unwanted constituents.	USAED-Savannah	TSSDS	
200394	wastewater_treatment_unit_area	utilities_wastewater_system	utilities	Point			utwvwtptu	utwvwtpt	N/A	N/A	1.60	A waste water treatment plant and all appurtenant equipment, buildings, and facilities relating to water treatment.	USAED-Savannah	TSSDS	
200395	wastewater_valve_point	utilities_wastewater_system	utilities	Point			utwvwtvlv	utwvwtvlv	N/A	N/A	1.60	A fitting or device used for shutting or throttling flow through a line.	USAED-Savannah	TSSDS	
200396	water_line	utilities_water_system	utilities	String/Chain		utwatpip		utwatpip	use_d	d_watpip	1.60	A pipe used to carry a substance from location to location (main line, service line, vent line, etc).	USAED-Savannah	TSSDS	
200397	water_fire_connection_point	utilities_water_system	utilities	Point			utwatfir	utwatfir	design_d	d_dfire	1.60	An apparatus which dispenses fluids for use in fire management.	USAED-Savannah	TSSDS	
200398	water_fitting_point	utilities_water_system	utilities	Point			utwatfit	utwatfit	type_d	d_wgfit	1.60	A fitting is an item used to connect, cap, plug or otherwise alter a pipe.	USAED-Savannah	TSSDS	
200399	water_regulator_reducer_point	utilities_water_system	utilities	Point			utwatreg	utwatreg	type_d	d_dregty	1.60	A pressure regulator automatically reduces the pressure on the downstream side of the valve to a preset magnitude.	USAED-Savannah	TSSDS	
200400	water_hydrant_point	utilities_water_system	utilities	Point			utwatthyd	utwatthyd	design_d	d_dhydnt	1.60	An apparatus which dispenses fluids.	USAED-Savannah	TSSDS	
200401	water_unction_point	utilities_water_system	utilities	Point			utwatmh	utwatmh	use_d	d_dwatmh	1.60	A box or small vault (usually concrete, brick, or cast iron) located below grade with above grade access where pipes intersect. The manhole also houses associated fittings, valves, meters, etc.	USAED-Savannah	TSSDS	
200402	water_marker_point	utilities_water_system	utilities	Point			utwatmrk	utgenmrk	N/A	N/A	1.60	A sign, concrete monument, etc. installed either directly above or immediately adjacent to underground lines, bends, fittings, etc.	USAED-Savannah	TSSDS	
200403	water_rectifier_point	utilities_water_system	utilities	Point			utwatrec	utwatrec	N/A	N/A	1.60	A device that changes alternating current to direct current for an impressed current cathodic protection system on an element of the distribution system.	USAED-Savannah	TSSDS	
200404	water_vent_point	utilities_water_system	utilities	Point			utwatmsc	utwatmsc	N/A	N/A	1.60	A valve installed in a line to either release air trapped in the line, and/or allow air into a line to relieve a vacuum condition.	USAED-Savannah	TSSDS	
200405	water_anode_test_station_point	utilities_water_system	utilities	Point			utwatant	utwatant	N/A	N/A	1.60	A central location where anodes are tested for performance.	USAED-Savannah	TSSDS	
200406	water_anode_point	utilities_water_system	utilities	Point			utwatand	utwatand	N/A	N/A	1.70	A material used for utility distribution systems that is electrically connected to a less electrolytically active material so that it will oxidize in the place of the less active material.	USAED-Savannah	TSSDS	
200407	water_reservoir_area	utilities_water_system	utilities	G/GT Polygon	utwatres			utwatnkn	N/A	N/A	1.60	A body of water which supplies water to a water distribution system.	USAED-Savannah	TSSDS	
200408	water_source_site	utilities_water_system	utilities	Point/Polygon	utwatsrc			utwatsrc	N/A	N/A	1.75	The point from which the utility is supplied a product for processing and distribution.	USAED-Savannah	TSSDS	change
200409	water_well_point	improvement_wells	improvement	Point			imwelwel	imwelwel	welcat_d	d_welcat	1.75	A location that consists of a hole or shaft dug into the earth for the purpose of extracting water. Not part of a formal water distribution system.	USAED-Savannah	TSSDS	update
200410	water_intake_point	utilities_water_system	utilities	Point			utwatinp	utwatinp	N/A	N/A	1.60	The location where water is allowed into the water distribution system.	USAED-Savannah	TSSDS	
200411	water_tank_site	utilities_water_system	utilities	Point/Polygon	utwattak		utwatnkn	utwatnkn	N/A	N/A	1.75	An above or below grade receptacle or chamber for holding components on a temporary basis prior to transfer or use.	USAED-Savannah	TSSDS	change
200412	water_pump_station_point	utilities_water_system	utilities	Point			utwatpst	utwatpst	sta_ty_d	d_dvwtps	1.60	A building in which one or more pumps operate to supply material flowing at adequate pressure to or from a distribution system.	USAED-Savannah	TSSDS	
200413	water_pressure_reducing_station_point	utilities_water_system	utilities	Point			utwatrst	utwatrst	N/A	N/A	1.60	A station consists of a box/pit containing one or more pressure regulators and appurtenant shutoff valves and fittings.	USAED-Savannah	TSSDS	
200414	water_valve_point	utilities_water_system	utilities	Point			utwatvlv	utwatvlv	use_d	d_dvlv	1.75	A fitting or device used for shutting or throttling flow through a line.	USAED-Savannah	TSSDS	update
200415	water_meter_point	utilities_water_system	utilities	Point			utwatmtr	utwatmtr	N/A	N/A	1.60	A device installed in a line for measuring the quantity and or rate of water flowing to a facility or through a section of line.	USAED-Savannah	TSSDS	
200416	water_pump_point	utilities_water_system	utilities	Point			utwatpmp	utwatpmp	N/A	N/A	1.60	A mechanical device that draws material into itself through an entrance port and forces the material out through an exhaust port.	USAED-Savannah	TSSDS	
200417	water_treatment_plant_area	utilities_water_system	utilities	G/GT Polygon	utwattp			utwattp	N/A	N/A	1.60	A water treatment plant and all appurtenant equipment, buildings, and facilities relating to water treatment.	USAED-Savannah	TSSDS	

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200418	water_treatment_unit_area	utilities_water_system	utilities	G/GT Polygon	utwattpu			utwattp	N/A	N/A	1.60	A water separation pond or other pool designed to allow solid material decomposition.	USAED-Savannah	TSSDS	
200419	water_system_flow_direction_arrow_point	utilities_water_system	utilities	Point			utwatarw	N/A	N/A	N/A	1.60	A flow direction arrow indicates the direction of flow through a line, valve, or component.	USAED-Savannah	TSSDS	
200420	acid_concentration_area	climate_precipitation	climate	G/GT Polygon	clcpaci			clcpaci	N/A	N/A	1.60	An area which is particularly susceptible to acid rain which impacts the environment.	EMA	TSSDS	
200421	acid_concentration_contour_line	climate_precipitation	climate	String/Chain		clcpaci		clcpaci	N/A	N/A	1.60	A line connecting points where the pH or the precipitation is approximately uniform.	EMA	TSSDS	
200422	aerial_photo_center_point	geodetic_survey	geodetic	Point			gdsrvphp	gdsrvphp	N/A	N/A	1.60	A reference point on a map indicating the center of the geographic area coverage of an analog or digital aerial photograph.	EMA	TSSDS	
200423	air_pollution_source_site	env_haz_air_pollution	environmental_hazards	Point/Polygon	ehairpsa		ehairpsp	ehairpsa	N/A	N/A	1.60	A defined area where air emissions or air pollution originates.	Carpenter	TSSDS	
200424	air_pressure_area	climate_general	climate	G/GT Polygon	clgenapa			clgenair	N/A	N/A	1.60	An area where the measured or calculated barometric air pressures are reasonably uniform.	EMA	TSSDS	
200425	air_pressure_contour_line	climate_general	climate	String/Chain		clgenapl		clgenair	N/A	N/A	1.60	A line connecting points of equal or approximately equal predicted or measured barometric pressure.	EMA	TSSDS	
200426	airfield_area	transportation_airfield_facility	transportation	G/GT Polygon	traflafd			traflafd	N/A	N/A	1.60	The area associated with an airfield, either military or civilian.	EMA	TSSDS	
200427	airfield_buffer_zone_area	transportation_airfield_facility	transportation	G/GT Polygon	traflbuf			traflbuf	N/A	N/A	1.60	A specified buffer distance in the vicinity of an airfield, either military or civilian.	EMA	TSSDS	
200428	airfield_linear_safety_feature	transportation_airfield_facility	transportation	String/Chain		traflsaf		traflsaf	sfty_typ_d	d_sftytp	1.60	Any airfield feature whose function is primarily to provide safe operations or protection for aircraft, personnel, or the environment.	EMA	TSSDS	
200429	amphibia_forage_area	fauna_amphibia	fauna	G/GT Polygon	faampfor			fshabfor	N/A	N/A	1.60	An area where amphibian species are known to search for food.	EMA	TSSDS	
200430	amphibia_geographic_range	fauna_amphibia	fauna	G/GT Polygon	faampng			fshabng	N/A	N/A	1.60	An area where the environmental and geographic conditions allow for the existence of an amphibian species.	Ketron/EMA	TSSDS	
200431	amphibia_habitat_buffer_zone_area	fauna_amphibia	fauna	G/GT Polygon	faampbuf			fsmgtbuf	N/A	N/A	1.60	An area surrounding an identified habitat for an amphibian species.	Ketron/EMA	TSSDS	
200432	amphibia_habitat_sample_point	fauna_amphibia	fauna	Point			faampsmp	fsmgtsmp	N/A	N/A	1.60	A location where the habitat of an amphibian species has been sampled.	Ketron/EMA	TSSDS	
200433	amphibia_habitat_site	fauna_amphibia	fauna	Point/Polygon	faampare		faamparp	fshabars	N/A	N/A	1.60	A site or location identified as being the habitat for a particular amphibian species.	Ketron/EMA	TSSDS	
200434	amphibia_home_range	fauna_amphibia	fauna	G/GT Polygon	faamprom			fshabng	N/A	N/A	1.60	An area where the particular amphibian species may be expected to be found.	Ketron/EMA	TSSDS	

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KEY COLUMN	ENTITY TYPE NAME	ENTITY CLASS NAME	ENTITY SET NAME	OBJECT TYPE	POLYGON COVERAGE	LINE COVERAGE	POINT COVERAGE	TABLE NAME	DISCRIMINATOR NAME	DOMAIN TABLE	VERSION	DEFINITION	CONTRIBUTOR	STANDARDS	EDIT STATUS
200435	amphibia_migration_corridor_line	fauna_amphibia	fauna	String/Chain		faampmig		fshabmig	N/A	N/A	1.60	An area or route along which amphibian species are known to migrate from one habitat to another.	EMA	TSSDS	
200436	amphibia_population_area	fauna_amphibia	fauna	G/GT Polygon	faampop			fshabpop	N/A	N/A	1.60	An area of population of a amphibian species has been surveyed.	Ketron/EMA	TSSDS	
200437	amphibia_repopulation_site	fauna_amphibia	fauna	Point/Polygon	faampspa		faamprrp	famgtseg	N/A	N/A	1.60	An site or location where specific management actions have been take to increase an amphibian species population.	Ketron/EMA	TSSDS	
200438	anchor_berth_area	transportation_marine	transportation	G/GT Polygon	tmaranc			tmaranc	N/A	N/A	1.60	A swinging circle where a single vessel may anchor which may or may not contain a central mooring buoy.	EMA	TSSDS	
200439	anchorage_area	transportation_marine	transportation	G/GT Polygon	tmaracq			tmaracq	N/A	N/A	1.60	A general area in which anchoring of vessels is permitted. It may or may not contain specific anchor berths.	EMA	TSSDS	
200440	archeological_artifact_point	cultural_archeological	cultural	Point		crarcart		crarcart	art_type_d	d_arttyp	1.60	Objects of archeological significance which, due to their size or nature, have not been removed from the site.	EMA	TSSDS	
200441	athletic_field_area	improvement_athletic_recreation	improvement	G/GT Polygon	imatfld			imatfare	N/A	N/A	1.60	Fields of grass or dirt which are specifically allocated for athletic events (baseball, football, soccer, etc)	EMA	TSSDS	
200442	aves_forage_area	fauna_aves	fauna	G/GT Polygon	faavelor			fahablor	N/A	N/A	1.60	An area where aves species are known to search for food.	EMA	TSSDS	
200443	aves_geographic_range	fauna_aves	fauna	G/GT Polygon	faaverng			fahabrng	N/A	N/A	1.60	An area where the environmental and geographic conditions allow for the existence of an aves species.	Ketron/EMA	TSSDS	
200444	aves_habitat_buffer_zone_area	fauna_aves	fauna	G/GT Polygon	faavebuf			famgtbuf	N/A	N/A	1.60	An area surrounding an identified habitat for an aves species.	Ketron/EMA	TSSDS	
200445	aves_habitat_sample_point	fauna_aves	fauna	Point			faavesmp	famgtsmg	N/A	N/A	1.60	A location where the habitat of an aves species has been sampled.	Ketron/EMA	TSSDS	
200446	aves_habitat_site	fauna_aves	fauna	Point/Polygon	faaveane		faavearp	fahabars	N/A	N/A	1.60	A site or location identified as being the habitat for a particular aves species.	Ketron/EMA	TSSDS	
200447	aves_home_range	fauna_aves	fauna	G/GT Polygon	laavehom			fahabmg	N/A	N/A	1.60	An area where a particular aves species may be expected to be found.	Ketron/EMA	TSSDS	
200448	aves_migration_corridor_line	fauna_aves	fauna	String/Chain		faavemig		fshabmig	N/A	N/A	1.60	An area or route along which certain aves species are known to migrate from one habitat to another.	EMA	TSSDS	
200449	aves_population_area	fauna_aves	fauna	G/GT Polygon	laavepop			fshabpop	N/A	N/A	1.60	An area of population for a aves species.	Ketron/EMA	TSSDS	
200450	aves_repopulation_site	fauna_aves	fauna	Point/Polygon	laaverpa		faaverrp	famgtseg	N/A	N/A	1.60	An site or location where specific management actions have been take to increase an aves species population.	Ketron/EMA	TSSDS	
200451	bathymetry_area	landform_bathymetry	landform	G/GT Polygon	lfbthare			lfbthare	N/A	N/A	1.60	An area on the bottom of a water body that is between two regular interval bathymetry contours.	Ketron/EMA	TSSDS	
200452	berth_point	transportation_ports_and_harbors	transportation	Point			thrbbber	thrbbber	N/A	N/A	1.60	A named or numbered mooring location, normally alongside a pier or wharf.	EMA	TSSDS	
200453	bryoid_species_geographic_range_area	flora_bryoid	flora	G/GT Polygon	lfbryrng			lfbabmg	N/A	N/A	1.60	The geographic range where environmental conditions permit the existence of a species of bryoids. Use as an example of individual species features.	Ketron/EMA	TSSDS	
200454	bryoid_species_home_range_area	flora_bryoid	flora	G/GT Polygon	lfbryveg			lfbabmg	N/A	N/A	1.60	The home range where environmental conditions permit the existence of a species of bryoids. Use as an example of individual species features.	Ketron/EMA	TSSDS	
200455	bryoid_species_population_area	flora_bryoid	flora	G/GT Polygon	lfbrypop			lfbabpop	N/A	N/A	1.60	An area of population for a species of bryoids. Use as an example of individual species features.	Ketron/EMA	TSSDS	
200456	bryoid_species_site	flora_bryoid	flora	Point/Polygon	lfbryspa		lfbryspp	lfbabspc	N/A	N/A	1.60	The specific location where an individual bryoid species has been identified. Use as an example of individual species features.	Ketron/EMA	TSSDS	
200457	cable_television_amplifier_point	communications_cable_television	communications	Point			coctvamp	coctvamp	N/A	N/A	1.60	Any electronic device intended to boost the power or amplify the signal associated with a cable tv system.	EMA	TSSDS	
200458	cable_television_distribution_point	communications_cable_television	communications	Point			cocctvst	cocctvst	N/A	N/A	1.60	Any centralized point of origin of cable television signals.	EMA	TSSDS	
200459	cable_television_line	communications_cable_television	communications	String/Chain		coctvcab		coctvcab	cab_elev_d	d_elecab	1.60	A wire or cable carrying television signals for commercial distribution.	EMA	TSSDS	
200460	causeway_area	transportation_general	transportation	G/GT Polygon	trgencsw			trgencsw	N/A	N/A	1.60	A raised area across low or wet ground used for transportation of pedestrians or vehicles. A canal towpath is categorized as a causeway.	EMA	TSSDS	
200461	cemetery_site	land_status_land_condition	land_status	Point/Polygon	lscndcem		lscnddep	lscndcem	N/A	N/A	1.60	An area containing one or more human gravesites.	EMA	TSSDS	
200462	channel_area	transportation_marine	transportation	G/GT Polygon	trmarchn			trmarchn	N/A	N/A	1.60	The navigable portion of a watercourse normally defined by the lines connecting the beacons and/or buoys.	EMA	TSSDS	
200463	channel_service_unit_point	communications_telephone	communications	Point			cotelchn	cotelchn	N/A	N/A	1.60	Telephone system channel service units (CSU)	EMA	TSSDS	
200464	checkpoint	transportation_general	transportation	Point			trgcnchk	trgcnchk	N/A	N/A	1.60	An official place to register, declare cargo, or check goods or people, as in the case of a customs checkpoint.	EMA	TSSDS	
200465	coast_guard_station_site	transportation_marine_navigation	transportation	Point/Polygon	trnavcga		trnavcgp	trnavcgs	N/A	N/A	1.60	A special facility which contains individuals and equipment for maritime emergencies or for maritime communication. Any building housing the station is considered a separate feature.	EMA	TSSDS	
200466	communications_antenna_line	communications_general	communications	String/Chain		cogenanl		cogenant	N/A	N/A	1.60	Any device or wire which is intended to transmit or receive electromagnetic impulses to or from air or space.	EMA	TSSDS	
200467	communications_antenna_point	communications_general	communications	Point		cogenanp		cogenant	N/A	N/A	1.60	Any device or wire which is intended to transmit or receive electromagnetic impulses through air or space	EMA	TSSDS	
200468	communications_cable_buffer_area	communications_general	communications	G/GT Polygon	cogencab			cogencab	N/A	N/A	1.60	A buffer area in the vicinity of an underground or undersea cable.	EMA	TSSDS	
200469	communications_conduit_line	communications_general	communications	String/Chain		cogencdtl		cogencdtl	N/A	N/A	1.60	Any above ground or below ground conduit which is used to carry communication wires or cables.	EMA	TSSDS	
200470	communications_device_point	communications_general	communications	Point		cogendev		cogendev	N/A	N/A	1.60	A communications system component that lies within the signal transmission path and modifies the transmission characteristics of the media.	EMA	TSSDS	
200471	communications_duct_line	communications_general	communications	String/Chain		cogenduc		cogenduc	N/A	N/A	1.60	Any linear component of a path for cable routing.	EMA	TSSDS	
200472	communications_ductbank_line	communications_general	communications	String/Chain		cogendbk		cogendbk	N/A	N/A	1.60	One or more duct routed in parallel between two nodes.	EMA	TSSDS	
200473	communications_handhole_point	communications_general	communications	Point		cogcnchh		cogcnchh	N/A	N/A	1.60	A chamber, just below the earth's surface, too small for a man to enter, in the route of one or more cable runs where cables may be accessed.	EMA	TSSDS	
200474	communications_splice_point	communications_general	communications	Point		cogcnsppl		cogcnsppl	N/A	N/A	1.60	A joining of two or more communications cables, each cable contributing one end of itself to the splice.	EMA	TSSDS	
200476	communications_lightning_dispersal_area	communications_general	communications	G/GT Polygon	cogenlda			cogenlda	N/A	N/A	1.60	An area where a buried mesh or grid exists in order to disperse the effects of a lightning strike on communications equipment.	EMA	TSSDS	
200477	communications_manhole_point	communications_general	communications	Point		cogcnmh		cogcnmh	N/A	N/A	1.60	A subsurface chamber, large enough for a person to enter, in the route of one or more duct runs, and affording facilities for placing and maintaining the runs, conductors, cables, and associated apparatus.	EMA	TSSDS	
200478	communications_pedestal_point	communications_general	communications	Point		cogcnped		cogcnped	N/A	N/A	1.60	An above-ground enclosure providing access to buried plant.	EMA	TSSDS	
200479	communications_pulbox_point	communications_general	communications	Point		cogcnpox		cogcnpox	N/A	N/A	1.60	A box with cover used as an aid for pulling cable.	EMA	TSSDS	
200481	communications_vault_point	communications_general	communications	Point		cogcnvlt		cogcnvlt	N/A	N/A	1.60	A special structure for transitioning the outside cable plant from horizontal orientation to vertical orientation in preparation for termination on the distribution frame.	EMA	TSSDS	
200482	complaint_point	military_public_relations	military_operations	Point		mlpubpao		mlpubpao	N/A	N/A	1.60	The location of an event or other episode which results in a complaint made against the Department of Defense to the Public Affairs Officer.	EMA	TSSDS	
200483	contained_hazmat_storage_area	env_haz_hazmat_hazwaste_manage	environmental_hazards	G/GT Polygon	ehhmwhma			ehhmwhma	N/A	N/A	1.60	A defined or bounded geographical area designated and used for the storage of contained hazardous materials.	Bobby Carpenter	TSSDS	
200484	contained_hazmat_storage_building_point	env_haz_hazmat_hazwaste_manage	environmental_hazards	Point			ehhmwhmb	ehhmwhmb	N/A	N/A	1.60	The location of a building designated for the storage of contained hazardous materials.	Carpenter	TSSDS	
200485	contained_pcb	env_haz_hazmat_hazwaste_manage	environmental_hazards	Point			ehhmwpcb	ehhmwpcb	N/A	N/A	1.60	The location of contained polychlorinated biphenyls (e.g., electrical transformers, etc.).	Carpenter	TSSDS	
200486	conveyor_area	improvement_machinery	improvement	G/GT Polygon	immaccon			immaccon	N/A	N/A	1.60	A machine or mechanism used for moving cargo or people from one location to another.	EMA	TSSDS	
200487	crane_site	improvement_machinery	improvement	Point/Polygon	immaccrn		immacrrp	immaccrn	N/A	N/A	1.60	A machine or mechanism used primarily for lifting which is either fixed or supported by overhead or ground rails.	EMA	TSSDS	
200488	crustacea_forage_area	fauna_crustacea	fauna	G/GT Polygon	facrufor			fahablor	N/A	N/A	1.60	An area where various crustacea species are known to search for food.	EMA	TSSDS	
200489	crustacea_geographic_range	fauna_crustacea	fauna	G/GT Polygon	facrumg			fahabrng	N/A	N/A	1.60	An area where the environmental and geographic conditions allow for the existence of a crustacea species.	Ketron/EMA	TSSDS	
200490	crustacea_habitat_buffer_zone_area	fauna_crustacea	fauna	G/GT Polygon	facrubuf			famgtbuf	N/A	N/A	1.60	An area surrounding an identified habitat for a crustacea species.	Ketron/EMA	TSSDS	
200491	crustacea_habitat_sample_point	fauna_crustacea	fauna	Point		facrusmp		famgtsmg	N/A	N/A	1.60	A location where the habitat of a crustacea species has been sampled.	Ketron/EMA	TSSDS	
200492	crustacea_habitat_site	fauna_crustacea	fauna	Point/Polygon	facruare		facruarp	fahabars	N/A	N/A	1.60	A site or location identified as being the habitat for a particular crustacea species.	Ketron/EMA	TSSDS	
200493	crustacea_home_range	fauna_crustacea	fauna	G/GT Polygon	facruhom			fahabrng	N/A	N/A	1.60	An area where a particular crustacea species may be expected to be found.	Ketron/EMA	TSSDS	
200494	crustacea_migration_corridor_line	fauna_crustacea	fauna	String/Chain		facrumig		fshabmig	N/A	N/A	1.60	An area or route along which certain crustacea species are known to migrate from one habitat to another.	EMA	TSSDS	
200495	crustacea_population_area	fauna_crustacea	fauna	G/GT Polygon	facrupop			fshabpop	N/A	N/A	1.60	An area of population for a crustacea species.	Ketron/EMA	TSSDS	
200496	crustacea_repopulation_site	fauna_crustacea	fauna	Point/Polygon	facurpa		facurrrp	famgtseg	N/A	N/A	1.60	A site or location where specific management actions have been take to increase a crustacea species population.	Ketron/EMA	TSSDS	
200497	data_service_unit_point	communications_telephone	communications	Point			coteldat	coteldat	N/A	N/A	1.60	A telephone system data service unit (DSU)	EMA	TSSDS	
200498	deep_water_route_area	transportation_marine	transportation	G/GT Polygon	trmarrte			trmarrrt	N/A	N/A	1.60	A route in a designated area, within defined limits, which has been accurately surveyed for clearance of sea bottom and submerged obstacles.	EMA	TSSDS	
200499	depth_contour_line	landform_bathymetry	landform	String/Chain		lfbthdep		lfbthdep	cntr_typ_d	d_bfhtyp	1.60	Connecting points on the bottom of a water body representing some fixed depth of water with respect to a specified reference.	EMA	TSSDS	
200500	depth_maintenance_area	landform_bathymetry	landform	G/GT Polygon	lfbthsub			lfbthsub	clrmth_d	d_clrmth	1.60	An area beneath the surface of water which has been maintained free of obstacles or subsurface debris such that the depth of water is at least a specific amount with reference to some datum.	Ketron/EMA	TSSDS	
200501	distance_marker_point	hydrography_surface	hydrography	Point			hysurdis	hysurdis	N/A	N/A	1.60	A marker or location a specific distance from a known origin along a water course. Sometimes known as a river mile.	EMA	TSSDS	
200502	distance_zone_area	visual_aesthetic_view	visual	G/GT Polygon	vsaesdis			vsaesdis	distance	d_visdis	1.60	Areas where specific distances to the natural scenic importance of the area are documented.	EMA	TSSDS	
200503	ditch_aqueduct_centerline	hydrography_surface	hydrography	String/Chain		hysurdit		hysurdit	N/A	N/A	1.60	Manmade or improved waterway designed to transport water for irigation or other use.	EMA	TSSDS	
200504	divided_flow_range_area	hydrography_surface	hydrography	G/GT Polygon	hysurflw			hysurflw	N/A	N/A	1.60	A discharge range where a divided river flow is measured.	Ketron/EMA	TSSDS	
200505	dolphin_point	transportation_ports_and_harbors	transportation	Point			thrbrdol	thrbrdol	N/A	N/A	1.60	A cluster of closely driven pilings used as a moor or guide for large vessels.	EMA	TSSDS	
200506	dredged_bank_area	improvement_flood_control	improvement	G/GT Polygon	imfcdspl			imfcdspl	N/A	N/A	1.60	Areas where earthen material is deposited as a result of excavation during modification of a stream channel or other construction activity.	EMA	TSSDS	
200507	drydock_area	transportation_ports_and_harbors	transportation	G/GT Polygon	thrbrdry			thrbrdry	N/A	N/A	1.60	An artificial basin fitted with a gate or caisson, into which vessels are placed to expose the vessel's bottom when the water is drained.	EMA	TSSDS	
200508	earthquake_epicenter_point	geology_tectonic	geology	Point			getecoeq	getecoeq	N/A	N/A	1.60	A point on the surface of the earth directly above the focus of an earthquake.	EMA	TSSDS	
200509	epiphyte_species_geographic_range_area	flora_epiphyte	flora	G/GT Polygon	lfeprng			lfbabmg	N/A	N/A	1.60	The geographic range where environmental conditions permit the existence of a species of epiphytes. Use as an example of individual species features.	Ketron/EMA	TSSDS	
200510	epiphyte_species_home_range_area	flora_epiphyte	flora	G/GT Polygon	lfeprveg			lfbabmg	N/A	N/A	1.60	The home range where environmental conditions permit the existence of a species of epiphytes. Use as an example of individual species features.	Ketron/EMA	TSSDS	
200511	epiphyte_species_population_area	flora_epiphyte	flora	G/GT Polygon	lfeppop			lfbabpop	N/A	N/A	1.60	An area of population for a species of epiphytes. Use as an example of individual species features.	Ketron/EMA	TSSDS	
200512	epiphyte_species_site	flora_epiphyte	flora	Point/Polygon	lfeispa		lfeispdp	lfbabspc	N/A	N/A	1.60	The specific location where an individual epiphyte species has been identified. Use as an example of individual species features.	Ketron/EMA	TSSDS	
200513	exclusive_economic_zone_area	boundary_economic	boundary	G/GT Polygon	bdecoeez			bdecoeez	N/A	N/A	1.60	An area, not exceeding 200 nautical miles from national baselines from which the breadth of the territorial sea is measured.	EMA	TSSDS	
200514	exploration_strike_point	geology_surface	geology	Point			gesursik	gesursik	N/A	N/A	1.60	The location of a find of oil or ore which has potential mining value.	EMA	TSSDS	
200515	exterior_lighting_point	utilities_electrical_ext_light	utilities	Point			utelixit	utelixit	ll_typ_d	d_extlit	1.60	Locations of point sources of general external lighting.	EMA	TSSDS	

Table F3
ENTITY TYPES
Existing TSSDS v. 1.75 Data Model Structure

KEY COLUMN	ENTITY TYPE NAME	ENTITY CLASS NAME	ENTITY SET NAME	OBJECT TYPE	POLYGON COVERAGE	LINE COVERAGE	POINT COVERAGE	TABLE NAME	DISCRIMINATOR NAME	DOMAIN TABLE	VERSION	DEFINITION	CONTRIBUTOR	STANDARDS	EDIT STATUS
200516	pisces_spawning_area	fauna_pisces	fauna	G/GT Polygon	faspccpn			fahabspn	N/A	N/A	1.70	An area where specific fish are known to spawn.	EMA	TSSDS	
200517	fault_intersection_point	geology_tectonic	geology	Point			getecdn	getecdn	N/A	N/A	1.60	The point where two or more faults come together or cross.	EMA	TSSDS	
200518	fauna_general_migration_corridor_line	fauna_habitat	fauna	String/Chain		fahabmig		fahabmig	N/A	N/A	1.60	An area or route along which an aggregate of fauna species are known to migrate from one habitat to another.	EMA	TSSDS	
200519	fauna_special_habitat_site	fauna_habitat	fauna	Point/Polygon	fahabspc		fahabssp	fahabspc	habcat_d	d_sptytp	1.60	A site or location where the specific species associated with the habitat require special attention according to law. These are normally threatened, sensitive, or endangered species habitats.	EMA	TSSDS	
200520	ferry_route_line	transportation_marine	transportation	String/Chain		trmarfer		trmarte	N/A	N/A	1.60	A designated route used by ferries to cross from one location to another.	EMA	TSSDS	
200521	fish_haven_area	improvement_outdoor_recreation	improvement	G/GT Polygon	imrechav			imrechav	N/A	N/A	1.75	A manmade structure, normally in shallow water, intended to provide a shelter for fish, which can be an obstruction to vessels. The positions of these structures may vary over time.	EMA	TSSDS	update
200522	fleeting_site	transportation_marine	transportation	Point/Polygon	trmarflt		trmarflt	trmarflt	N/A	N/A	1.60	An area or location where barges or tows are assembled for further transport.	EMA	TSSDS	
200523	floating_dock_area	transportation_ports_and_harbors	transportation	G/GT Polygon	trhrbfld			trhrbfld	N/A	N/A	1.60	A facility which can be raised or lowered into the water which can serve as a launching place for vessels or as a floating drydock.	EMA	TSSDS	
200524	floating_pontoon_site	transportation_general	transportation	Point	trgenpoa		trgenpon	trgenpon	N/A	N/A	1.60	A permanently floating structure used as a bridge support or as the head of a pier, dock, or landing.	EMA	TSSDS	
200525	flood_contour_line	hydrography_floodplain	hydrography	String/Chain		hyflpflt		hyflpflt	fld_zone_d	d fldzon	1.60	A line representing the limit or extent of probable flooding associated with the area.	EMA	TSSDS	
200526	floodgate_line	improvement_flood_control	improvement	String/Chain	imfdcgat			imfdcgat	N/A	N/A	1.60	A gated structure used to close openings in floodwalls, levees and dams.	EMA	TSSDS	
200527	floodwall_line	improvement_flood_control	improvement	String/Chain	imfdcwai			imfdcwai	N/A	N/A	1.60	A structure erected to protect areas from high river stages.	EMA	TSSDS	
200528	floodway_area	improvement_flood_control	improvement	G/GT Polygon	imfdcfld			imfdcfld	N/A	N/A	1.60	Leveled areas through which flood flows are diverted from the main river channel into adjacent sub basins to lower downstream river stages to reduce flooding in critical areas.	EMA	TSSDS	
200529	flora_crown_closure_area	flora_management	flora	G/GT Polygon	flmgttcc			flmgttcc	N/A	N/A	1.60	An area where the closure density of flora crowns has been measured.	EMA	TSSDS	
200530	fauna_general_forage_area	fauna_habitat	fauna	G/GT Polygon	fahabfor			fahabfor	N/A	N/A	1.60	An area where various species of fauna are known to search for food.	EMA	TSSDS	
200531	flora_general_home_range_area	flora_habitat	flora	G/GT Polygon	fhabhom			fhabhom	N/A	N/A	1.60	An area where flora of a specific species are likely to be found.	EMA	TSSDS	
200532	flora_stem_spacing_area	flora_management	flora	G/GT Polygon	flmgttss			flmgttss	N/A	N/A	1.60	An area where the spacing between individual flora stems has been measured.	EMA	TSSDS	
200533	flow_failure_area	improvement_flood_control	improvement	G/GT Polygon	imfdcfai			imfdcfai	N/A	N/A	1.60	A area where the bank or revetment has failed in which the soil particles liquify due to excess pore pressure and flow riverward.	EMA	TSSDS	
200534	watercourse_foreshore_area	improvement_erosion_control	improvement	G/GT Polygon	imerdor			imerdor	N/A	N/A	1.60	An area of stone extending generally parallel to the bankline and designed to protect or restore foreshore areas between the river and the levee.	EMA	TSSDS	
200535	geology_survey_area	geology_surface	geology	G/GT Polygon	gesursrv			gesursrv	N/A	N/A	1.60	An area where the investigation of the surface and subsurface geologic features is underway or has been completed.	EMA	TSSDS	
200536	golf_course_fairway_alignment_line	improvement_athletic_recreation	improvement	String/Chain	imathgla			imathgla	N/A	N/A	1.60	Lines which define the alignment of each golf hole from the tee, down the center or each fairway, to the green and projected pin position.	EMA	TSSDS	
200537	golf_course_fairway_area	improvement_athletic_recreation	improvement	G/GT Polygon	imathgfl			imathgfl	N/A	N/A	1.60	Areas where the ground has been specifically prepared to facilitate a better golf ball lie; e.g. grass maintenance.	EMA	TSSDS	
200538	golf_course_tee_green_area	improvement_athletic_recreation	improvement	G/GT Polygon	imathgfg			imathgfg	N/A	N/A	1.60	Area of a golf course which are designated as either tees or greens for putting.	EMA	TSSDS	
200539	grain_elevator_site	improvement_machinery	improvement	Point/Polygon	immacgel		immacgel	immacgel	N/A	N/A	1.60	A structure used to store and distribute grains.	EMA	TSSDS	
200540	gravity_drain_site	improvement_flood_control	improvement	Point/Polygon	imfdcdm			imfdcdm	N/A	N/A	1.60	A structure designed to release water from the interior of a leveed area.	EMA	TSSDS	
200541	gravity_escape_ramp_area	transportation_vehicle	transportation	G/GT Polygon	trvehesc			trvehesc	N/A	N/A	1.60	An area designated as an emergency pullout in the case of vehicle brake failure during downhill travel. Sometimes called a run-away truck ramp.	EMA	TSSDS	
200543	groundwater_quality_monitoring_station_point	env_haz_characterization	environmental_hazards	Point		ehchagwm		ehchagwm	N/A	N/A	1.60	Equipment installed at a predetermined location for the automatic or manual periodic collection of environmental groundwater samples.	EMA	TSSDS	
200544	harbor_area	transportation_ports_and_harbors	transportation	G/GT Polygon	trhbrare			trhbrare	N/A	N/A	1.60	A protected area in which ships may moor or anchor which may or may not have gates to regulate water levels, usually with port facilities.	EMA	TSSDS	
200545	hazardous_materials_storage_area	env_haz_hazmat_hazwaste_manage	environmental_hazards	G/GT Polygon	ehhmwhma			ehhmwhma	N/A	N/A	1.70	A defined area designated for the storage of contained hazardous materials.	Carpenter	TSSDS	
200546	hazardous_materials_storage_room	env_haz_hazmat_hazwaste_manage	environmental_hazards	Point		ehhmwhmr		ehhmwhmr	N/A	N/A	1.60	The location of a room designated for the storage of contained hazardous materials.	Carpenter	TSSDS	
200547	hazardous_materials_storage_vault	env_haz_hazmat_hazwaste_manage	environmental_hazards	Point		ehhmwhmv		ehhmwhmv	N/A	N/A	1.60	The location of a secured vault or cabinet designated for the storage of contained hazardous materials.	Carpenter	TSSDS	
200548	hazardous_waste_storage_room	env_haz_hazmat_hazwaste_manage	environmental_hazards	Point		ehhmwhsr		ehhmwhsr	N/A	N/A	1.60	The location of a room designated for the storage of contained hazardous waste.	Carpenter	TSSDS	
200549	hazardous_waste_storage_vault	env_haz_hazmat_hazwaste_manage	environmental_hazards	Point		ehhmwhsv		ehhmwhsv	N/A	N/A	1.60	The location of a secured vault or cabinet designated for the storage of contained hazardous waste.	Carpenter	TSSDS	
200550	herb_species_geographic_range_area	flora_herb	flora	G/GT Polygon	fhrbrng			fhabmg	N/A	N/A	1.60	The geographic range where environmental conditions permit the existence of a species of herbs. Use as an example of individual species features.	Ketron/EMA	TSSDS	
200551	herb_species_home_range_area	flora_herb	flora	G/GT Polygon	fhrbrveg			fhabmg	N/A	N/A	1.60	The home range where environmental conditions permit the existence of a species of herbs. Use as an example of individual species features.	Ketron/EMA	TSSDS	
200552	herb_species_population_area	flora_herb	flora	G/GT Polygon	fhrbrpop			fhabpop	N/A	N/A	1.60	An area of population for a species of herbs. Use as an example of individual species features.	Ketron/EMA	TSSDS	
200553	herb_species_site	flora_herb	flora	Point/Polygon	fhrbrspa		fhrbrspp	fhabspc	N/A	N/A	1.60	The specific location where an individual herb species has been identified. Use as an example of individual species features.	Ketron/EMA	TSSDS	
200554	ice_area	hydrography_ice_and_snow	hydrography	G/GT Polygon	hyiceare			hyiceare	N/A	N/A	1.60	An area which is covered by ice for the entire year. Ice areas also include glaciers.	EMA	TSSDS	
200555	inadequate_survey_area	landform_bathymetry	landform	G/GT Polygon	fthbhis			fthbhis	N/A	N/A	1.60	An area on the bottom of a waterbody where the condition of the bottom and the depth of water cannot be confirmed without further examination.	Ketron/EMA	TSSDS	
200556	insecta_forage_area	fauna_insecta	fauna	G/GT Polygon	fainsfor			fahabfor	N/A	N/A	1.60	An area where insecta species are known to search for food.	EMA	TSSDS	
200557	insecta_geographic_range	fauna_insecta	fauna	G/GT Polygon	fainsrg			fahabmg	N/A	N/A	1.60	An area where the environmental and geographic conditions allow for the existence of an insecta species.	Ketron/EMA	TSSDS	
200558	insecta_habitat_buffer_zone_area	fauna_insecta	fauna	G/GT Polygon	fainsbuf			famgtbuf	N/A	N/A	1.60	An area surrounding an identified habitat for an insecta species.	Ketron/EMA	TSSDS	
200559	insecta_habitat_sample_point	fauna_insecta	fauna	Point		fainsmsp		famgtmsp	N/A	N/A	1.60	A location where the habitat of an insecta species has been sampled.	Ketron/EMA	TSSDS	
200560	insecta_habitat_site	fauna_insecta	fauna	Point/Polygon	fainsare		fainsarp	fahabars	N/A	N/A	1.60	A site or location identified as being the habitat for a particular insecta species.	Ketron/EMA	TSSDS	
200561	insecta_home_range	fauna_insecta	fauna	G/GT Polygon	fainshom			fahabmg	N/A	N/A	1.60	An area where a particular insecta species may be expected to be found.	Ketron/EMA	TSSDS	
200562	insecta_migration_corridor_line	fauna_insecta	fauna	String/Chain		fainsmig		fahabmig	N/A	N/A	1.60	An area or route along which certain insecta species are known to migrate from one habitat to another.	EMA	TSSDS	
200563	insecta_population_area	fauna_insecta	fauna	G/GT Polygon	fainspop			fahabpop	N/A	N/A	1.60	An area of population for an insecta species.	Ketron/EMA	TSSDS	
200564	insecta_repopulation_site	fauna_insecta	fauna	Point/Polygon	fainsrpa		fainsrpp	famgtseg	N/A	N/A	1.60	A site or location where specific management actions have been take to increase an insecta species population.	Ketron/EMA	TSSDS	
200565	island_area	landform_topography	landform	G/GT Polygon	lftopisl			lftopisl	N/A	N/A	1.60	A named area of land completely surrounded by the waters of an ocean, sea, lake, or stream.	EMA	TSSDS	
200566	isohaline_zone_area	hydrography_coastal_zone	hydrography	G/GT Polygon	hyczniso			hyczniso	N/A	N/A	1.60	A zone of constant and regular variation in salinity.	EMA	TSSDS	
200567	jetty_area	transportation_ports_and_harbors	transportation	G/GT Polygon	trhrbjet			trhrbjet	N/A	N/A	1.60	A stone structure which is designed to reduce the action of waves and currents near the entrance to rivers and ports. Sometimes called a breakwater.	EMA	TSSDS	
200568	land_restriction_area	land_status_land_management	land_status	G/GT Polygon	lsmgtres		lsmgtres	restyp_d	d lndres		1.60	Areas which are subject to local limitations on actions which can be performed on the land.	EMA	TSSDS	
200569	landing_site	transportation_marine	transportation	Point/Polygon	trmarlnd		trmarlnd	trmarlnd	N/A	N/A	1.60	A named place, normally outside a harbor facility, where boats can transfer passengers or cargo. A ferry terminal may be called a landing area.	EMA	TSSDS	
200570	levee_berm_area	improvement_flood_control	improvement	G/GT Polygon	imfdcbm			imfdcbm	N/A	N/A	1.60	Areas of soil embankments located on the landside of levees to retard seepage of water underneath the levee or to reinforce the levee.	EMA	TSSDS	
200571	levee_break_area	improvement_flood_control	improvement	G/GT Polygon	imfdcbrk			imfdcbrk	N/A	N/A	1.60	A levee section that has been eroded, breached, or crevassed by flood waters.	EMA	TSSDS	
200572	levee_relief_well_point	improvement_wells	improvement	Point			imwelrel	imwelrel	N/A	N/A	1.60	Wells installed in association with levees to reduce head.	EMA	TSSDS	
200573	liana_species_geographic_range_area	flora_liana	flora	G/GT Polygon	fliliang			fhabmg	N/A	N/A	1.60	The geographic range where environmental conditions permit the existence of a species of lianas. Use as an example of individual species features.	Ketron/EMA	TSSDS	
200574	liana_species_home_range_area	flora_liana	flora	G/GT Polygon	flilaveg			fhabmg	N/A	N/A	1.60	The home range where environmental conditions permit the existence of a species of lianas. Use as an example of individual species features.	Ketron/EMA	TSSDS	
200575	liana_species_population_area	flora_liana	flora	G/GT Polygon	flilapop			fhabpop	N/A	N/A	1.60	An area of population for a species of lianas. Use as an example of individual species features.	Ketron/EMA	TSSDS	
200576	liana_species_site	flora_liana	flora	Point/Polygon	flilasp		flilasp	fhabspc	N/A	N/A	1.60	The specific location where an individual liana species has been identified. Use as an example of individual species features.	Ketron/EMA	TSSDS	
200577	wetland_centerline	hydrography_wetland	hydrography	String/Chain		hywetlnd		hywetlnd	N/A	N/A	1.60	A singularly defined length of linear wetland, where the water table is usually at or near the surface of the land or the land is covered by shallow water.	EMA	TSSDS	
200578	lock_arrival_point	transportation_lock_system	transportation	Point		trlocarv		trlocarv	N/A	N/A	1.60	A designated location where boats or tows wait to receive clearance to enter a lock chamber or basin.	EMA	TSSDS	
200579	lock_chamber_area	transportation_lock_system	transportation	G/GT Polygon	trloccha			trloccha	N/A	N/A	1.60	A wet dock or structure in a waterway permitting a ship to pass from one level to another, in which the level of water rises or falls.	EMA	TSSDS	
200580	lock_guidewall_line	transportation_lock_system	transportation	String/Chain		trlocgw		trlocgw	N/A	N/A	1.60	A structure used to guide boats or ships into a lock chamber or basin.	EMA	TSSDS	
200581	lock_operation_point	transportation_lock_system	transportation	Point		trlocops		trlocops	N/A	N/A	1.60	The location of the lock operation controls. If these are inside a building or structure, that structure is a separate feature.	EMA	TSSDS	
200582	lock_site	transportation_lock_system	transportation	Point/Polygon	trlocare		trlocsys	trlocsys	N/A	N/A	1.60	A feature or collection of features intended to facilitate the movement of vessels from one water level to another.	EMA	TSSDS	
200583	log_pond	hydrography_surface	hydrography	G/GT Polygon	hysurlpg			hysurlpg	N/A	N/A	1.60	An area enclosed with connecting floating timbers used as a staging area for sawn logs.	EMA	TSSDS	
200584	mammalia_forage_area	fauna_mammalia	fauna	G/GT Polygon	famamfor			fahabfor	N/A	N/A	1.60	An area where mammalia species are known to search for food.	EMA	TSSDS	
200585	mammalia_geographic_range	fauna_mammalia	fauna	G/GT Polygon	famammg			fahabmg	N/A	N/A	1.60	An area where the environmental and geographic conditions allow for the existence of a mammalia species.	Ketron/EMA	TSSDS	
200586	mammalia_habitat_buffer_zone_area	fauna_mammalia	fauna	G/GT Polygon	famambuf			famgtbuf	N/A	N/A	1.60	An area surrounding an identified habitat for a mammalia species.	Ketron/EMA	TSSDS	
200587	mammalia_habitat_sample_point	fauna_mammalia	fauna	Point		famamssp		famgtmsp	N/A	N/A	1.60	A location where the habitat of a mammalia species has been sampled.	Ketron/EMA	TSSDS	
200588	mammalia_habitat_site	fauna_mammalia	fauna	Point/Polygon	famamare		famamarp	fahabars	N/A	N/A	1.60	A site or location identified as being the habitat for a particular mammalia species.	Ketron/EMA	TSSDS	
200589	mammalia_home_range	fauna_mammalia	fauna	G/GT Polygon	famamhom			fahabmg	N/A	N/A	1.60	An area where a particular mammalia species may be expected to be found.	Ketron/EMA	TSSDS	
200590	mammalia_migration_corridor_line	fauna_mammalia	fauna	String/Chain		famammig		fahabmig	N/A	N/A	1.60	An area or route along which certain mammalia species are known to migrate from one habitat to another.	EMA	TSSDS	
200591	mammalia_population_area	fauna_mammalia	fauna	G/GT Polygon	famampop			fahabpop	N/A	N/A	1.60	An area of population for a mammalia species.	Ketron/EMA	TSSDS	
200592	mammalia_repopulation_site	fauna_mammalia	fauna	Point/Polygon	famamrpa		famamrpp	famgtseg	N/A	N/A	1.60	An area where specific management actions have been take to increase a mammalia species population.	Ketron/EMA	TSSDS	
200593	marine_accident_affected_area	transportation_marine	transportation	G/GT Polygon	trmaraff			trnavacc	N/A	N/A	1.60	An area which has been disturbed or otherwise impacted as a result of a marine accident. This could include an underwater debris field or an area where actions are in progress to investigate or correct an ecological problem.	EMA	TSSDS	
200594	marine_calling_in_point	transportation_marine	transportation	Point		trmarcal		trmarcal	N/A	N/A	1.60	A designated place or point where vessels report their positions to marine traffic controllers.	EMA	TSSDS	
200595	marine_caution_area	transportation_marine	transportation	G/GT Polygon	trmarcau			trmarcau	N/A	N/A	1.60	An area of marine navigation representing a danger, rule, note, or advice not specifically identified with another object or feature.	EMA	TSSDS	

Table F3
ENTITY TYPES
Existing TSSDS v. 1.75 Data Model Structure

KEY COLUMN	ENTITY TYPE NAME	ENTITY CLASS NAME	ENTITY SET NAME	OBJECT TYPE	POLYGON COVERAGE	LINE COVERAGE	POINT COVERAGE	TABLE NAME	DISCRIMINATOR NAME	DOMAIN TABLE	VERSION	DEFINITION	CONTRIBUTOR	STANDARDS	EDIT STATUS
200596	marine_fender_area	transportation_ports_and_harbors	transportation	G/GT Polygon	trhbfen			trhbfen	N/A	N/A	1.60	A floating structure, normally fixed in place and constructed of wood, which is designed to protect vessels from impacting other features.	EMA	TSSDS	
200597	marine_navigation_accident_point	transportation_marine_navigation	transportation	Point			trnavacc	trnavacc	N/A	N/A	1.60	The location of a marine navigation accident; e.g. grounding, collision, explosion, etc.	EMA	TSSDS	
200598	marine_navigation_beacon_point	transportation_marine_navigation	transportation	Point			trnavbec	beac_typ_d	N/A	d_beaclp	1.60	A fixed navigational marker, usually consisting of a single pile or lattice structure, which may or may not actually be in the water.	EMA	TSSDS	
200599	marine_navigation_buoy_point	transportation_marine_navigation	transportation	Point			trnavboy	trnavboy	buoy_typ_d	d_buoytp	1.60	A floating marker which is moored to the bottom at a specific known location, which is used as an aid to navigation or for other special purpose.	EMA	TSSDS	
200600	marine_navigation_light_point	transportation_marine_navigation	transportation	Point			trnavlit	trnavlit	N/A	N/A	1.60	A marine navigation light or special distinction, as in the case of a lighthouse or lightship or other named facility. Lights on beacons or buoys are only included as attributes of those features.	EMA	TSSDS	
200601	marine_navigation_obstruction_site	transportation_marine_navigation	transportation	Point/Polygon	trnavoba		trnavobp	trnavobs	N/A	N/A	1.60	Submerged, or partially submerged, objects other than wrecks that are classified as hazards to marine navigation.	EMA	TSSDS	
200602	marine_navigation_range_line	transportation_marine_navigation	transportation	String/Chain		trnaving		trnaving	N/A	N/A	1.60	The straight line extension of the line between two navigation aids, which may or may not coincide with the recommended route.	EMA	TSSDS	
200603	marine_restriction_area	transportation_marine	transportation	G/GT Polygon	trmarres			trmarres	N/A	N/A	1.60	A marine area where certain navigation or anchorage restrictions apply.	EMA	TSSDS	
200604	marine_terminal_site	transportation_ports_and_harbors	transportation	Point/Polygon	trhrtbter		trhrtbtep	trhrtbter	N/A	N/A	1.60	An designated area used for the docking of vessels for the transfer of cargo or personnel.	EMA	TSSDS	
200605	marine_wreck_site	transportation_marine_navigation	transportation	Point	trnavwka		trnavwrk	trnavwrk	wrck_typ_d	d_wrktyp	1.60	The remains of a stranded or sunken vessel.	EMA	TSSDS	
200606	meteorological_sensor_point	climate_general	climate	Point			dgensen	dgensen	N/A	N/A	1.60	The location of a sensor or measurement device to detect properties or characteristics of the atmosphere.	EMA	TSSDS	
200607	meteorological_station_site	climate_general	climate	Point/Polygon	dgennet		dgennet	dgennet	N/A	N/A	1.60	A manned or unmanned station where properties and characteristics of the atmosphere are recorded.	EMA	TSSDS	
200608	microwave_relay_station_point	communications_microwave	communications	Point			comicrel	comicrel	N/A	N/A	1.60	The location of a relay or amplification station for microwave transmissions, normally atop a tower, which can be identified as a separate feature.	EMA	TSSDS	
200609	microwave_transmission_path_line	communications_microwave	communications	String/Chain		comictm		comictm	N/A	N/A	1.60	The approximate path followed by microwave communication transmissions between relay stations or relay terminus points.	EMA	TSSDS	
200610	military_bomb_circle_target_area	military_training	military_operations	G/GT Polygon	mltngcir			mltngcir	N/A	N/A	1.75	A precision bomb circle used in training on military ranges or exercise areas.	EMA	TSSDS	update
200611	military_flight_corridor_area	military_air_operations	military_operations	G/GT Polygon	mlaircor			mlaircor	N/A	N/A	1.75	An area used as a route by military aircraft.	EMA	TSSDS	update
200612	military_flight_direction_arrow	military_air_operations	military_operations	Point				N/A	N/A	N/A	1.75	An arrow used to indicate the direction of flight along flight tracks or paths.	EMA	TSSDS	update
200613	military_flight_track_line	military_air_operations	military_operations	String/Chain		mlairitl		mlairitl	N/A	N/A	1.75	A line indicating the general flight track used in the vicinity of airfields.	EMA	TSSDS	update
200614	military_incident_site	military_public_relations	military_operations	Point/Polygon	mlpubina		mlpubinc	mlpubinc	inctyp_d	d_accinc	1.60	The location of an accident or incident which is of interest to the general public.	EMA	TSSDS	
200615	military_quantity_distance_arc_area	military_training	military_operations	G/GT Polygon	mlstarc			mlstarc	N/A	N/A	1.75	A quantity distance arc area associated with munitions storage.	EMA	TSSDS	update
200616	military_target_line	military_training	military_operations	String/Chain		mltngtgt		mltngtgt	N/A	N/A	1.75	Lines along which military targeting is accomplished.	EMA	TSSDS	update
200617	mollusca_forage_area	fauna_mollusca	fauna	G/GT Polygon	famolfor			fahabfor	N/A	N/A	1.60	An area where mollusca species are known to search for food.	EMA	TSSDS	
200618	mollusca_geographic_range	fauna_mollusca	fauna	G/GT Polygon	famolrng			fahabrng	N/A	N/A	1.60	An area where the environmental and geographic conditions allow for the existence of a mollusca species.	Keiron/EMA	TSSDS	
200619	mollusca_habitat_buffer_zone_area	fauna_mollusca	fauna	G/GT Polygon	famolbuf			famgtbuf	N/A	N/A	1.60	An area surrounding an identified habitat for a mollusca species.	Keiron/EMA	TSSDS	
200620	mollusca_habitat_sample_point	fauna_mollusca	fauna	Point			famolstp	famgtstp	N/A	N/A	1.60	A location where the habitat of a mollusca species has been sampled.	Keiron/EMA	TSSDS	
200621	mollusca_habitat_site	fauna_mollusca	fauna	Point/Polygon	famolare		famolarp	fahabars	N/A	N/A	1.60	A site or location identified as being the habitat for a particular mollusca species.	Keiron/EMA	TSSDS	
200622	mollusca_home_range	fauna_mollusca	fauna	G/GT Polygon	famolhom			fahabmg	N/A	N/A	1.60	An area where a particular mollusca species may be expected to be found.	Keiron/EMA	TSSDS	
200623	mollusca_migration_corridor_line	fauna_mollusca	fauna	String/Chain		famolmig		fahabmig	N/A	N/A	1.60	An area or route along which certain mollusca species are known to migrate from one habitat to another.	EMA	TSSDS	
200624	mollusca_population_area	fauna_mollusca	fauna	G/GT Polygon	famolpop			fahabpop	N/A	N/A	1.60	An area of population of a mollusca species.	Keiron/EMA	TSSDS	
200625	mollusca_repopulation_site	fauna_mollusca	fauna	Point/Polygon	famolrpa		famolrpp	famgtseg	N/A	N/A	1.60	An area where specific management actions have been take to increase a mollusca species population.	Keiron/EMA	TSSDS	
200627	moored_vessel_site	transportation_ports_and_harbors	transportation	Point/Polygon	trhrbvtes		trhrbvtep	trhrbvtes	N/A	N/A	1.60	An entertainment vessel or one of historic significance which is semi-permanently moored to a dock or pier.	EMA	TSSDS	
200628	mooring_buoy_point	transportation_marine	transportation	Point			trmamby	trmamby	N/A	N/A	1.60	A floating marker, moored to the bottom at a specific known location, which is used to tie-up vessels.	EMA	TSSDS	
200629	mooring_facility_area	transportation_ports_and_harbors	transportation	G/GT Polygon	trhrbmor			trhrbmor	fac_type_d	d_morfac	1.60	Any fixed structure which can be used to moor or tie-up vessels such as a pier, dock, or wharf.	EMA	TSSDS	
200630	mooring_feature_point	transportation_ports_and_harbors	transportation	Point			trhrbmtl	trhrbmtl	N/A	N/A	1.60	Any feature to which a line or chain may be tied to secure a vessel to a pier, dock, or wharf such as a bollard or cleat.	EMA	TSSDS	
200631	named_river_feature_point	hydrography_surface	hydrography	Point			hysurnrv	hysurnrv	N/A	N/A	1.60	A feature within the limits of a watercourse which is named due to its importance.	EMA	TSSDS	
200632	natural_resource_well_point	improvement_wells	improvement	Point			imwelnat	well_typ_d	N/A	d_welres	1.60	Any hole or penetration made in the surface of the earth for the purpose of extracting resources other than water.	EMA	TSSDS	
200633	noise_abatement_area	auditory_management	auditory	G/GT Polygon	aumgnoi			aumgnoi	N/A	N/A	1.60	An area where specific actions or restrictions are in place to control the noise levels in the atmosphere.	EMA	TSSDS	
200634	noise_abatement_feature	auditory_management	auditory	Point			aumgnabf	aumgnabf	N/A	N/A	1.60	A feature or device whose principal purpose is to control or deflect generated sound.	EMA	TSSDS	
200635	noise_contour_line	auditory_noise	auditory	String/Chain		aulnoicnt		aulnoizon	N/A	N/A	1.60	A line connecting points of approximately equal levels of sound or noise with respect to some source.	EMA	TSSDS	
200636	odor_contour_line	olfactory_general	olfactory	String/Chain		olgenoon		olgenodt	N/A	N/A	1.60	A line connecting points where observations of olfactory measurements are essentially equal.	EMA	TSSDS	
200637	marine_production_platform_site	improvement_machinery	improvement	Point/Polygon	immacplp		immacplp	immacplp	N/A	N/A	1.60	A permanent offshore platform, either fixed or floating, used in the production of oil or natural gas. Any well or wells associated with the platform shall be considered separate features.	EMA	TSSDS	
200638	particulate_contour_line	visual_general	visual	String/Chain		vsngcntl		vsngdsdz	N/A	N/A	1.60	A line connecting point of approximate visual quality with respect to dust, dirt, or other particulate in the atmosphere.	EMA	TSSDS	
200639	particulate_zone_area	visual_general	visual	G/GT Polygon	vsngendus			vsngdsdz	N/A	N/A	1.60	An area where man's activity or environmental conditions cause particles to become airborne and obscure visibility.	Keiron/EMA	TSSDS	
200640	pedestrian_guardrail	transportation_pedestrian	transportation	String/Chain		trpehgdr		trvehgdr	N/A	N/A	1.60	A barrier or other structure intended to contain or protect pedestrians within the borders of a sidewalk or trail.	EMA	TSSDS	
200641	pest_management_site	land_status_land_management	land_status	Point/Polygon	lsmgtpes		lsmgttep	lsmgtpes	N/A	N/A	1.60	A site where specific actions are being taken to control insects, rodents, or other pests.	EMA	TSSDS	
200642	piezometer_point	hydrography_subsurface	hydrography	Point			hysubpiz	hysubpiz	N/A	N/A	1.60	The location of a pipe placed in the ground or a structure which is used to measure subsurface water elevation.	EMA	TSSDS	
200643	pilot_boarding_point	transportation_marine	transportation	Point			trmarplt	trmarplt	N/A	N/A	1.60	A designated place where vessels meet or discharge harbor pilots.	EMA	TSSDS	
200644	pisces_forage_area	fauna_pisces	fauna	G/GT Polygon	fapisfor			fahabfor	N/A	N/A	1.60	An area where pisces species are known to search for food.	EMA	TSSDS	
200645	pisces_geographic_range	fauna_pisces	fauna	G/GT Polygon	fapisrng			fahabrng	N/A	N/A	1.60	An area where the environmental and geographic conditions allow for the existence of a pisces species.	Keiron/EMA	TSSDS	
200646	pisces_habitat_buffer_zone_area	fauna_pisces	fauna	G/GT Polygon	fapisbuf			famgtbuf	N/A	N/A	1.60	An area surrounding an identified habitat for a pisces species.	Keiron/EMA	TSSDS	
200647	pisces_habitat_sample_point	fauna_pisces	fauna	Point			fapissmp	famgtstp	N/A	N/A	1.60	A location where the habitat of a pisces species has been sampled.	Keiron/EMA	TSSDS	
200648	pisces_habitat_site	fauna_pisces	fauna	Point/Polygon	fapisare		fapisarp	fahabars	N/A	N/A	1.60	A site or location identified as being the habitat for a particular pisces species.	Keiron/EMA	TSSDS	
200649	pisces_home_range	fauna_pisces	fauna	G/GT Polygon	fapisashom			fahabmg	N/A	N/A	1.60	An area where a particular pisces species may be expected to be found.	Keiron/EMA	TSSDS	
200650	pisces_migration_corridor_line	fauna_pisces	fauna	String/Chain		fapismig		fahabmig	N/A	N/A	1.60	An area or route along which certain pisces species are known to migrate from one habitat to another.	EMA	TSSDS	
200651	pisces_population_area	fauna_pisces	fauna	G/GT Polygon	fapispop			fahabpop	N/A	N/A	1.60	An area of population for a pisces species.	Keiron/EMA	TSSDS	
200652	pisces_repopulation_segment_line	fauna_pisces	fauna	String/Chain		fapisseg		famgtseg	N/A	N/A	1.60	A section or segment of a stream or other watercourse where fish are artificially repopulated. Sometimes called a stocked stream segment.	Keiron/EMA	TSSDS	
200653	pisces_repopulation_site	fauna_pisces	fauna	Point/Polygon	fapisrpa		fapisrpp	famgtseg	N/A	N/A	1.60	An area where specific management actions have been take to increase a pisces species population.	Keiron/EMA	TSSDS	
200654	polluted_area_of_concern	env_haz_general_pollution	environmental_hazards	G/GT Polygon	ehpollaoc	N		ehpollaoc	N/A	N/A	1.60	The defined area of a polluted area of concern located within an environmental hazards site.	Carpenter	TSSDS	
200655	precipitation_area	climate_precipitation	climate	G/GT Polygon	clpcppcp			clpcpcnt	N/A	N/A	1.60	An area where a maximum or mean precipitation quantity has been measured or predicted.	EMA	TSSDS	
200656	precipitation_contour_line	climate_precipitation	climate	String/Chain		clpcppcl		clpcpcnt	N/A	N/A	1.60	A line connecting point of nearly uniform precipitation measurement.	EMA	TSSDS	
200657	precipitation_measurement_point	climate_precipitation	climate	Point			clpcpmea	clpcpmea	N/A	N/A	1.60	The location where a limited number of precipitation measurements have been taken. If the site contains a permanent or semi-permanent device, it should be considered a meteorological sensor point.	EMA	TSSDS	
200658	pylon_pier_support_site	transportation_general	transportation	Point			trgenpya	trgenpyy	N/A	N/A	1.60	A vertical structure used to elevate or support a bridge, roadway, or railway above the surface of the ground or above water.	EMA	TSSDS	
200659	railroad_guardrail_line	transportation_railroad	transportation	String/Chain		trrdgrd		trvehgdr	N/A	N/A	1.60	A barrier along railroad tracks intended to protect rail traffic from interference from other objects.	EMA	TSSDS	
200660	railroad_station_site	transportation_railroad	transportation	Point/Polygon	trrdsta			trrdsta	sta_stt_d	d_usetyp	1.60	A designated location where a train will stop to pick up or discharge passengers or cargo. Any buildings or loading platforms are separate features.	EMA	TSSDS	
200661	range_controller_point	military_training	military_operations	Point			mltngctl	mltngctl	N/A	N/A	1.75	The location where the controller of the range is normally housed or located.	EMA	TSSDS	update
200662	range_line	cadastre_plss	cadastre	String/Chain		cdplargl		cdplargl	N/A	N/A	1.60	An external boundary of a US Public Land Survey System township, extending in a north south direction.	EMA	TSSDS	
200663	recommended_route_line	transportation_marine	transportation	String/Chain		trmarrec		trmartte	N/A	N/A	1.60	A line marking the optimum track to be used by vessels in restricted waters.	EMA	TSSDS	
200664	regulated_storage_tank_fam_area	env_haz_regulated_tank_manage	environmental_hazards	G/GT Polygon	ehnrkfrm			ehnrkfrm	N/A	N/A	1.60	A defined or bounded geographical area where regulated storage tanks are located.	Bobby Carpenter	TSSDS	
200665	remediation_incinerator_point	env_haz_pollution_remediation	environmental_hazards	Point			ehreminc	ehreminc	N/A	N/A	1.75	The location of a pollution remediation incinerator.	Carpenter	TSSDS	update
200666	remediation_thermal_desorption_unit_point	env_haz_pollution_remediation	environmental_hazards	Point			ehremtdu	ehremtdu	N/A	N/A	1.75	The location of a pollution remediation thermal desorption unit.	Carpenter	TSSDS	update
200667	reptilia_forage_area	fauna_reptilia	fauna	G/GT Polygon	farepfor			fahabfor	N/A	N/A	1.60	An area where reptilia species are known to search for food.	EMA	TSSDS	
200668	reptilia_geographic_range	fauna_reptilia	fauna	G/GT Polygon	farepmrg			fahabrng	N/A	N/A	1.60	An area where the environmental and geographic conditions allow for the existence of a reptilia species.	Keiron/EMA	TSSDS	
200669	reptilia_habitat_buffer_zone_area	fauna_reptilia	fauna	G/GT Polygon	farepbuf			famgtbuf	N/A	N/A	1.60	An area surrounding an identified habitat for a reptilia species.	Keiron/EMA	TSSDS	
200670	reptilia_habitat_sample_point	fauna_reptilia	fauna	Point			farepsmp	famgtstp	N/A	N/A	1.60	A location where the habitat of a reptilia species has been sampled.	Keiron/EMA	TSSDS	
200671	reptilia_habitat_site	fauna_reptilia	fauna	Point/Polygon	farepare		farearp	fahabars	N/A	N/A	1.60	A site or location identified as being the habitat for a particular reptilia species.	Keiron/EMA	TSSDS	
200672	reptilia_home_range	fauna_reptilia	fauna	G/GT Polygon	farephom			fahabmg	N/A	N/A	1.60	An area where the particular reptilia species may be expected to be found.	Keiron/EMA	TSSDS	
200673	reptilia_migration_corridor_line	fauna_reptilia	fauna	String/Chain		farepmig		fahabmig	N/A	N/A	1.60	An area or route along which certain reptilia species are known to migrate from one habitat to another.	EMA	TSSDS	
200674	reptilia_population_area	fauna_reptilia	fauna	G/GT Polygon	fareppop			fahabpop	N/A	N/A	1.60	An area of population for a reptilia species.	Keiron/EMA	TSSDS	
200675	reptilia_repopulation_site	fauna_reptilia	fauna	Point/Polygon	fareprpa		fareprpp	famgtseg	N/A	N/A	1.60	An area where specific management actions have been take to increase a reptilia species population.	Keiron/EMA	TSSDS	

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KEY COLUMN	ENTITY TYPE NAME	ENTITY CLASS NAME	ENTITY SET NAME	OBJECT TYPE	POLYGON COVERAGE	LINE COVERAGE	POINT COVERAGE	TABLE NAME	DISCRIMINATOR NAME	DOMAIN TABLE	VERSION	DEFINITION	CONTRIBUTOR	STANDARDS	EDIT STATUS
200676	reservoir_management_area	hydrography_management	hydrography	G/GT Polygon	hymgtres			hymgtres	restyp_d	d_restyp	1.60	A man-made area intended to contain or store water.	EMA	TSSDS	
200677	revetment_area	improvement_erosion_control	improvement	G/GT Polygon	imerorev			imerorev	N/A	N/A	1.60	An area faced with stone or other material along the shoreline designed to stabilize the bank and protect it from erosion.	EMA	TSSDS	
200679	road_shoulder_area	transportation_vehicle	transportation	G/GT Polygon	trvehshd			trvehshd	paved_d	d_pavstt	1.60	An area which lies adjacent to a road which is intended only for use during emergencies.	EMA	TSSDS	
200680	sandbar_area	landform_bathymetry	landform	G/GT Polygon	flthbar			flthbar	N/A	N/A	1.60	The boundary or outline of an area where the bottom protrudes above the surface of the water subject to water levels and currents.	EMA	TSSDS	
200681	sea_plane_landing_area	transportation_air	transportation	G/GT Polygon	trairsea			trairsea	N/A	N/A	1.60	An area specifically designated for take-offs and landings of sea planes.	EMA	TSSDS	
200682	section_area	cadastre_plss	cadastre	G/GT Polygon	cdplsssea			cdplsssea	N/A	N/A	1.60	The primary unit into which a township is subdivided, normally a quadrangle one mile square with boundaries conforming to meridians and parallels with established limits and containing 640 acres as near as may be.	EMA	TSSDS	
200683	section_corner_point	cadastre_plss	cadastre	Point			cdplsscc	cdplsscc	N/A	N/A	1.60	A corner is a legal location. It marks the extremity of the Section and the common corner between four adjacent Public Land Survey System Sections.	EMA	TSSDS	
200684	section_line	cadastre_plss	cadastre	String/Chain		cdplsscd		cdplsscd	N/A	N/A	1.60	A line connecting the corners of linear rows of sections. The boundary between two adjacent rows of sections.	EMA	TSSDS	
200686	sediment_sample_area	landform_bathymetry	landform	G/GT Polygon	flthsmpt			flthsmpt	N/A	N/A	1.60	An area where bottom samples are taken for analysis.	EMA	TSSDS	
200687	seismic_activity_line	geology_tectonic	geology	String/Chain		getecsei		getecsei	N/A	N/A	1.60	A line along which a seismic event has been recorded.	EMA	TSSDS	
200688	shoal_area	landform_bathymetry	landform	G/GT Polygon	flthshl			flthshl	N/A	N/A	1.60	An area where mobile, wave-like sediment deposits are known to exist in shallow water. Sometimes called sand wave area or transient bottom area.	EMA	TSSDS	
200689	shrub_species_geographic_range_area	flora_shrub	flora	G/GT Polygon	flshrng			flshrng	N/A	N/A	1.60	The geographic range where environmental conditions permit the existence of a species of shrubs. Use as an example of individual species features.	Ketron/EMA	TSSDS	
200690	shrub_species_home_range_area	flora_shrub	flora	G/GT Polygon	flshrveg			flshrveg	N/A	N/A	1.60	The home range where environmental conditions permit the existence of a species of shrubs. Use as an example of individual species features.	Ketron/EMA	TSSDS	
200691	shrub_species_population_area	flora_shrub	flora	G/GT Polygon	flshrpop			flshrpop	N/A	N/A	1.60	An area of population for a species of shrubs. Use as an example of individual species features.	Ketron/EMA	TSSDS	
200692	shrub_species_site	flora_shrub	flora	Point/Polygon	flshrspa		flshrsp	flshrspa	N/A	N/A	1.60	The specific location where an individual shrub species has been identified. Use as an example of individual species features.	Ketron/EMA	TSSDS	
200693	silo_site	improvement_machinery	improvement	Point/Polygon	immascil		immascip	immascil	N/A	N/A	1.60	A structure, usually cylindrical, used to store grains.	EMA	TSSDS	
200694	slope_arrow	landform_topography	landform	Point			fltparr	N/A	N/A	N/A	1.60	An arrow which indicates the slope of the surface of the earth pointing in the DOWNHILL direction.	Ketron/EMA	TSSDS	
200695	slope_paving_area	improvement_erosion_control	improvement	G/GT Polygon	imeropav			imeropav	N/A	N/A	1.60	Areas where concrete is placed on the bank to protect it from wave wash stages.	EMA	TSSDS	
200696	small_craft_marina_area	improvement_outdoor_recreation	improvement	G/GT Polygon	imrecmar			imrecmar	N/A	N/A	1.60	An area of small docks and piers specifically for recreational and other small craft.	EMA	TSSDS	
200697	snow_accumulation_area	climate_precipitation	climate	G/GT Polygon	clpcpsna			clpcpsno	N/A	N/A	1.60	An area where measured or predicted snow accumulations are uniform or similar.	EMA	TSSDS	
200698	snow_accumulation_contour_line	climate_precipitation	climate	String/Chain		clpcpsnl		clpcpsno	N/A	N/A	1.60	A line connecting points where the measured or predicted snow accumulations are approximately equal.	EMA	TSSDS	
200699	snowcap_area	hydrography_ice_and_snow	hydrography	G/GT Polygon	hycicesnc			hycicesnc	N/A	N/A	1.60	An area covered by snow usually on the tops of mountains.	EMA	TSSDS	
200700	soil_sample_area	soil_general	soil	G/GT Polygon	sogensmp			sogensmp	N/A	N/A	1.60	An area where soil samples are taken to determine the characteristics of the soil.	EMA	TSSDS	
200701	sounding_point	landform_bathymetry	landform	Point			flthdep	flthdep	N/A	N/A	1.60	Locations below the surface of the water where the depth of water is precisely known relative to some reference.	Ketron/EMA	TSSDS	
200702	spawning_area	fauna_habitat	fauna	G/GT Polygon	fahabspn			fahabspn	N/A	N/A	1.60	An area where fish species are known to spawn.	EMA	TSSDS	
200703	spring_point	hydrography_surface	hydrography	Point			hysurspr	hysurspr	N/A	N/A	1.60	A natural issuance of water or other substances from the earth.	EMA	TSSDS	
200704	storm_sewer_discharge_point	utilities_storm_system	utilities	Point			utstodcg	utstodcg	N/A	N/A	1.60	Any location where storm sewer pipes directly discharge effluent.	EMA	TSSDS	
200705	storm_sewer_flood_area	utilities_storm_system	utilities	G/GT Polygon	utstofd			utstofd	N/A	N/A	1.60	Areas where the storm sewer drainage capacity has been exceeded resulting in localized flooding.	EMA	TSSDS	
200706	straight_territorial_baseline	boundary_jurisdiction	boundary	String/Chain		bdjurstb		bdjurstb	N/A	N/A	1.60	The line from which the outer limits of the territorial sea and certain other outer limits are measured which departs from the normal coastline. Normally across the mouths or rivers or bays.	EMA	TSSDS	
200707	submarine_route_area	transportation_marine	transportation	G/GT Polygon	tmarsub			tmarmte	N/A	N/A	1.60	An area where submarines may navigate underwater.	EMA	TSSDS	
200708	subsection_area	cadastre_plss	cadastre	G/GT Polygon	cdplssub			cdplssub	N/A	N/A	1.60	Any one of a number of possible subdivisions of a Public Land Survey System section, including quarter, sixteenth, etc.	EMA	TSSDS	
200709	subsection_corner	cadastre_plss	cadastre	Point			cdplsscc	cdplsscc	N/A	N/A	1.60	Any one of a number of points or corners which mark subdivisions of a Public Land Survey System section, including quarter corners, sixteenth corners, etc.	EMA	TSSDS	
200710	subsection_line	cadastre_plss	cadastre	String/Chain		cdplsssl		cdplsssl	N/A	N/A	1.60	Any one of a number of lines which subdivide a Public Land Survey System section, including quarter lines, sixteenth lines, etc. Lot lines are also included in this type.	EMA	TSSDS	
200711	athletic_court_area	improvement_athletic_recreation	improvement	G/GT Polygon	imathcrt			imathcrt	N/A	N/A	1.60	Paved or other specially prepared surfaces which are used for recreational activities (basketball, tennis, volleyball, handball, etc.)	EMA	TSSDS	
200712	surface_reference_mark_point	hydrography_surface	hydrography	Point			hysurref	hysurref	N/A	N/A	1.60	The location of a surface water level reference mark, sometimes referred to as a high water mark, indicating the maximum flood depth at the point.	EMA	TSSDS	
200713	surface_water_quality_monitoring_station	env_haz_characterization	environmental_hazards	Point			ehchaswm	ehchaswm	N/A	N/A	1.75	Equipment installed at predetermined location for the automatic or manual periodic collection of samples for monitoring the environmental quality of surface water.	Bobby Carpenter	TSSDS	update
200714	telephone_booth_point	communications_telephone	communications	Point			cotelbth	cotelbth	N/A	N/A	1.60	The location of one or more outdoor telephones either in an open air bank or enclosed within a booth or other enclosure.	EMA	TSSDS	
200715	telephone_cable_line	communications_telephone	communications	String/Chain		cotelcab		cotelcab	cab_elev_d	d_elecab	1.60	Cables and wires which carry telephone signals.	EMA	TSSDS	
200716	temperature_area	climate_temperature	climate	G/GT Polygon	cltmpisa			cltmpiso	N/A	N/A	1.60	An area where the maximum or mean precipitation has been calculated or measured to be within a given range.	EMA	TSSDS	
200717	temperature_contour_line	climate_temperature	climate	String/Chain		cltmptpl		cltmpiso	N/A	N/A	1.60	A line connecting points of relatively equal thermal characteristics.	EMA	TSSDS	
200718	thalophyte_species_geographic_range_area	flora_thalophyte	flora	G/GT Polygon	flthng			flthng	N/A	N/A	1.60	The geographic range where environmental conditions permit the existence of a species of thalophytes. Use as an example of individual species features.	Ketron/EMA	TSSDS	
200719	thalophyte_species_home_range_area	flora_thalophyte	flora	G/GT Polygon	flthveg			flthng	N/A	N/A	1.60	The home range where environmental conditions permit the existence of a species of thalophytes. Use as an example of individual species features.	Ketron/EMA	TSSDS	
200720	thalophyte_species_population_area	flora_thalophyte	flora	G/GT Polygon	flthpop			flthabpop	N/A	N/A	1.60	An area of population for a species of thalophytes. Use as an example of individual species features.	Ketron/EMA	TSSDS	
200721	thalophyte_species_site	flora_thalophyte	flora	Point/Polygon	flthspa		flthsp	flthabspc	N/A	N/A	1.60	The specific location where an individual thalophyte species has been identified. Use as an example of individual species features.	Ketron/EMA	TSSDS	
200722	topography_slope_aspect_area	landform_topography	landform	G/GT Polygon	fltpsla			fltpsp	N/A	N/A	1.60	Slope is the inclination of the landform surface from horizontal. Aspect is the direction to which the inclined surface faces.	Ed Riegelmann	TSSDS	
200723	township_line	cadastre_plss	cadastre	String/Chain		cdplsmld		cdplsmld	N/A	N/A	1.60	An external boundary or a township, extending in an east west direction.	EMA	TSSDS	
200724	township_range_area	cadastre_plss	cadastre	G/GT Polygon	cdplstwn			cdplstwn	N/A	N/A	1.60	An unit of land that are nominally six miles on a side in the U.S. Public Land Survey System, consisting of 36 sections, each one mile square.	EMA	TSSDS	
200725	traffic_direction_arrow	transportation_vehicle	transportation	Point			trveharr	N/A	N/A	N/A	1.60	An arrow indicating the predominant traffic direction or the direction of one-way streets or roads.	EMA	TSSDS	
200726	traffic_separation_scheme_area	transportation_marine	transportation	G/GT Polygon	tmarsep			tmarsep	N/A	N/A	1.60	An area of marine congestion or traffic where special restrictions help to separate traffic moving in opposite, or nearly opposite, directions.	EMA	TSSDS	
200727	traffic_survey_site	transportation_vehicle	transportation	Point/Polygon	trvehsrv		trvehsvp	trvehsv	N/A	N/A	1.60	An area or location where vehicular traffic is routinely monitored or where traffic surveys are in progress.	EMA	TSSDS	
200728	tree_species_geographic_range_area	flora_tree	flora	G/GT Polygon	fltrng			flthabng	N/A	N/A	1.60	The geographic range where environmental conditions permit the existence of a species of trees. Use as an example of individual species features.	Ketron/EMA	TSSDS	
200729	tree_species_home_range_area	flora_tree	flora	G/GT Polygon	fltrveg			flthabng	N/A	N/A	1.60	The home range where environmental conditions permit the existence of a species of trees. Use as an example of individual species features.	Ketron/EMA	TSSDS	
200730	tree_species_population_area	flora_tree	flora	G/GT Polygon	fltrpop			flthabpop	N/A	N/A	1.60	An area of population for a species of trees. Use as an example of individual species features.	Ketron/EMA	TSSDS	
200731	tree_species_site	flora_tree	flora	Point/Polygon	fltrspa			flthabspc	N/A	N/A	1.60	The specific location where an individual tree species has been identified. Use as an example of individual species features.	Ketron/EMA	TSSDS	
200732	tunnel_area	transportation_general	transportation	G/GT Polygon	trgentun			trgentun	N/A	N/A	1.60	A passage area, open at both ends, intended to provide access through or under a natural obstacle such as under water or through mountains, or through a dam.	EMA	TSSDS	
200733	underwater_rock_area	landform_bathymetry	landform	G/GT Polygon	flbthudr			flbthudr	N/A	N/A	1.60	A rock or mass of stony material or coral which is awash or below the surface of the water.	EMA	TSSDS	
200734	unsurveyed_area	landform_bathymetry	landform	G/GT Polygon	flbthuns			flbthuns	N/A	N/A	1.60	An area on the surface of a water body for which the conditions beneath the surface are unknown.	Ketron/EMA	TSSDS	
200735	usgs_quad_area	geodetic_usgs	geodetic	G/GT Polygon	gdsgsqud			qudtyp_d	d_qudtyp	N/A	1.60	A map area defined by the United States Geological Survey based on the quadrangle division of the country.	EMA	TSSDS	
200736	vehicle_driveway	transportation_vehicle	transportation	G/GT Polygon	trvehdrv			trvehdrv	paved_d	d_pavstt	1.60	An access to a residence or other vehicle parking lot or storage area.	EMA	TSSDS	
200737	visual_management_area	visual_aesthetic_view	visual	G/GT Polygon	vsaesmgd			vsaesmgd	N/A	N/A	1.60	An area where specific actions or restrictions are in place to maintain or improve the scenic beauty of the area.	EMA	TSSDS	
200738	visual_quality_area	visual_aesthetic_view	visual	G/GT Polygon	vsaesqua			vsaesqua	N/A	N/A	1.60	A specific area whose scenic value makes it important to document and record.	EMA	TSSDS	
200739	water_fauna_farm_area	fauna_management	fauna	G/GT Polygon	famgtffm			famgtffm	N/A	N/A	1.60	An area or facility where fauna species, including fish, mollusks, and crustaceans, are artificially cultivated.	EMA	TSSDS	
200740	water_fauna_repopulation_segment_line	fauna_management	fauna	String/Chain		famgtseg		famgtseg	N/A	N/A	1.60	A section or segment of a watercourse where water fauna are artificially repopulated. Also known as a stocked stream segment.	EMA	TSSDS	
200741	water_rapids_centerline	hydrography_surface	hydrography	String/Chain		hysurrlp		hysurrlp	N/A	N/A	1.60	A section line along the flow of a watercourse where the velocity of the flow and obstacles beneath the surface of the water cause turbulent conditions.	EMA	TSSDS	
200742	water_rapids_site	hydrography_surface	hydrography	Point/Polygon	hysurrrp			hysurrrp	N/A	N/A	1.60	An area along the flow of a watercourse where the velocity of the flow and obstacles beneath the surface of the water create an area of turbulence.	EMA	TSSDS	
200743	water_turbulence_area	hydrography_surface	hydrography	G/GT Polygon	hysurtib			hysurtib	N/A	N/A	1.60	An area of disturbed water caused by the interaction of any combination of waves, currents, tidal streams, shoal patches, or obstructions. Normally associated with larger bodies of water.	EMA	TSSDS	
200744	weigh_station_area	transportation_vehicle	transportation	G/GT Polygon	trvehwei			trvehwei	N/A	N/A	1.60	An area designated as an official vehicle weigh station for trucks. Buildings and other infrastructure within the area are considered separate features.	EMA	TSSDS	
200745	weir_line	improvement_erosion_control	improvement	String/Chain		imerobdw		imerobdw	N/A	N/A	1.60	Linear, usually stone structures with a peaked section typically located in a river bend or pool, extending from the concave bank across the channel perpendicular to the shore to increase channel width.	EMA	TSSDS	
200746	injection_well_point	improvement_wells	improvement	Point			imwelinj	imwelinj	N/A	N/A	1.60	A well dug or drilled for the specific purpose of injecting water or other fluids into the ground.	EMA	TSSDS	
200747	purge_well_point	improvement_wells	improvement	Point			imwelpur	imwelpur	N/A	N/A	1.60	A well dug or drilled for the specific purpose of extracting contamination or other impurities from subsurface aquifers. Also known as an extraction well.	EMA	TSSDS	
200748	wind_direction_arrow_point	climate_general	climate	Point		clgenarr		N/A	N/A	N/A	1.60	An arrow representing predominant wind direction.	EMA	TSSDS	
200749	windmill_windmotor_area	improvement_machinery	improvement	Point/Polygon	immacwmd			immacwmd	N/A	N/A	1.60	A structure or machine specifically designed to use the energy of the wind to perform work or for conversion to other forms of energy.	EMA	TSSDS	
200750	installation_historical_area	cadastre_dod_property	cadastre	G/GT Polygon	cdodthis			cdodthns	N/A	N/A	1.60	An area of land and water which depicts a prior DoD installation boundary.	EMA	TSSDS	
200751	installation_security_area	cadastre_dod_property	cadastre	G/GT Polygon	cdodthsec			cdodthns	N/A	N/A	1.60	The land and water boundary over which the installation retains special security.	EMA	TSSDS	
200752	installation_use_area	cadastre_dod_property	cadastre	G/GT Polygon	cdodthuse			cdodthns	N/A	N/A	1.60	Land and water which is used by the DoD installation.	EMA	TSSDS	
200753	pack_ice_limit_line	hydrography_ice_and_snow	hydrography	String/Chain		hlycepil		hlycepil	N/A	N/A	1.60	A line representing the maximum extent of the flow or boundary of a large area of floating ice.	EMA	TSSDS	
200754	shoreline_buffer_rebuild_area	hydrography_coastal_zone	hydrography	G/GT Polygon	hyczbnfl			hyczbnfl	N/A	N/A	1.60	The buffer area that is 100 feet landward of the mean high tide coastline and any tidal waterways.	EMA	TSSDS	

KEY COLUMN	ENTITY TYPE NAME	ENTITY CLASS NAME	ENTITY SET NAME	OBJECT TYPE	POLYGON COVERAGE	LINE COVERAGE	POINT COVERAGE	TABLE NAME	DISCRIMINATOR NAME	DOMAIN TABLE	VERSION	DEFINITION	CONTRIBUTOR	STANDARDS	EDIT STATUS
200755	animal_graveyard_site	land_status_land_condition	land_status	Point/Polygon	lscondang		lscondang	lscondang	N/A	N/A	1.60	A site containing one or more animal gravesites.	EMA	TSSDS	
200756	blind_or_stand	improvement_outdoor_recreation	improvement	Point			imrecstd	imrecstd	N/A	N/A	1.60	Any blind or stand used as a location to protect or camouflage hunters.	EMA	TSSDS	
200757	boating_area	improvement_outdoor_recreation	improvement	G/GT Polygon	imrecbot			imrecbot	N/A	N/A	1.60	An area specifically designated for recreational boating, either sail or motor.	EMA	TSSDS	
200758	camping_area	improvement_outdoor_recreation	improvement	G/GT Polygon	imrecomp			imrecomp	N/A	N/A	1.60	An area specifically designated for overnight camping. If there are designated camp sites, these may be included as separate Entity Types - See recreation_feature_point	EMA	TSSDS	
200759	fishing_area	improvement_outdoor_recreation	improvement	G/GT Polygon	imrecfsh			imrecfsh	N/A	N/A	1.60	An area specifically designated for sport or recreational fishing.	EMA	TSSDS	
200760	grave_point	land_status_land_condition	land_status	Point			lscondgrv	lscondcm	N/A	N/A	1.60	A point where a human grave is located.	EMA	TSSDS	
200761	hunting_area	improvement_outdoor_recreation	improvement	G/GT Polygon	imrechnt			imrechnt	N/A	N/A	1.60	Areas specifically designated for the controlled hunting of one or more wildlife species.	EMA	TSSDS	
200762	miscellaneous_recreation_area	improvement_outdoor_recreation	improvement	G/GT Polygon	imrecmis			imrecmis	N/A	N/A	1.60	An area set aside for use in general recreation activities, which does not qualify for in any of the other outdoor recreation entity types.	EMA	TSSDS	
200763	picnic_area	improvement_outdoor_recreation	improvement	G/GT Polygon	imrecpic			imrecpic	N/A	N/A	1.60	An area designated for outdoor consumption of food, either with tables or simply as a scenic spot for eating.	EMA	TSSDS	
200764	playground_area	improvement_outdoor_recreation	improvement	G/GT Polygon	imrecply			imrecply	N/A	N/A	1.60	An area designated for youth activities; sometimes containing swings, slides, or other equipment.	EMA	TSSDS	

Table F3
ENTITY TYPES
Existing TSSDS v. 1.75 Data Model Structure

200765	recreation_park_area	improvement_outdoor_recreation	improvement	G/GT Polygon	imrecprk			imrecprk	N/A	N/A	1.60	An area set aside and designated for several types of leisure or recreation activities.	EMA	TSSDS	
200766	swimming_area	improvement_outdoor_recreation	improvement	G/GT Polygon	imrecswm			imrecswm	N/A	N/A	1.60	An natural area specifically designated for recreational swimming. Swimming Pools are separate Entity Types - See improvement_athletic_recreation/swimming_pool.	EMA	TSSDS	
200767	swimming_pool	improvement_athletic_recreation	improvement	G/GT Polygon	imathpol			imathpol	N/A	N/A	1.60	A built structure either placed on top of the ground or hollowed into the ground, filled with water, and used for athletic swimming and/or diving.	EMA	TSSDS	
200768	fuel_source_point	utilities_fuel_system	utilities	Point	utfulsrc			utfulsrc	N/A	N/A	1.70	The point from which the utility is supplied a product for processing and distribution.	EMA	TSSDS	
200769	industrial_waste_discharge_point	utilities_industrial_system	utilities	Point	utindwcdg			utindwcdg	N/A	N/A	1.70	Any location where industrial waste water pipes directly discharge effluent.	EMA	TSSDS	
200770	industrial_waste_inlet_point	utilities_industrial_system	utilities	Point	utinwintl			utinwintl	N/A	N/A	1.70	The location where water is collected and received into the utility system.	EMA	TSSDS	
200771	pollution_source_point	env_haz_general_pollution	environmental_hazards	Point	ehpolpsp			ehpolpsp	N/A	N/A	1.70	Point of origin of a chemical, radioactive, medical, or mixed waste discharge or spill which results in pollution to the environment.	EMA	TSSDS	
200772	storm_sewer_armor_point	utilities_storm_system	utilities	Point	utstoarm			utstoarm	N/A	N/A	1.70	Any location where armor stone is used for erosion protection in an open channel.	EMA	TSSDS	
200773	storm_sewer_flow_control_point	utilities_storm_system	utilities	Point	utstofct			utstofct	N/A	N/A	1.70	Devices for a storm water system to control the pressure in and out of the open channel.	EMA	TSSDS	
200774	storm_sewer_gate_point	utilities_storm_system	utilities	Point	utstogat			utstogat	N/A	N/A	1.70	A movable barrier used in an open channel.	EMA	TSSDS	
200775	storm_sewer_reservoir_point	utilities_storm_system	utilities	Point	utstores			utstores	N/A	N/A	1.70	The location where storm sewer water is collected.	EMA	TSSDS	
200776	wastewater_discharge_point	utilities_wastewater_system	utilities	Point	utwwtdcg			utwwtdcg	N/A	N/A	1.70	Any location where wastewater pipes directly discharge effluent.	EMA	TSSDS	
200777	watershed_drainage_area	hydrography_hydrobasin	hydrography	G/GT Polygon	hyhdbdrg			hyhdbdrg	N/A	N/A	1.70	A specific subarea of a watershed.	EMA	TSSDS	
200778	air_emissions_source_point	env_haz_air_pollution	environmental_hazards	Point	ehairasp			ehairasp	N/A	N/A	1.60	A specific location where air emissions or air pollution originates.	EMA	TSSDS	update
200779	miscellaneous_feature_area	improvement_general	improvement	G/GT Polygon	imgenmis			imgenmis	N/A	N/A	1.75	Placeholder for any miscellaneous features that aren't necessarily buildings.	EMA	TSSDS	new
200780	saltwater_expansion_joint_point	utilities_saltwater_system	utilities	Point	utswtexp			utswtexp	N/A	N/A	1.75	Expansion joint in a saltwater distribution line.	EMA	TSSDS	new
200781	compressed_air_tank_point	utilities_compressed_air_system	utilities	Point	utairtnk			utairtnk	N/A	N/A	1.75	A chamber for holding compressed air prior to its use.	EMA	TSSDS	new
200782	compressed_air_fitting_point	utilities_compressed_air_system	utilities	Point	utairfit	fit_typ_d		utairfit	fit_typ_d	d_airfit	1.75	A fitting is an item used to connect, cap, plug or otherwise alter a pipe.	EMA	TSSDS	new
200783	compressed_air_valve_pit_point	utilities_compressed_air_system	utilities	Point	utairpit			utairpit	N/A	N/A	1.75	A below grade chamber, too small to enter, containing one or more valves.	EMA	TSSDS	new
200784	compressed_air_flow_arrow_point	utilities_compressed_air_system	utilities	Point	utairarr			utairarr	N/A	N/A	1.75	An arrow indicating the direction of movement of compressed air.	EMA	TSSDS	new
200785	compressed_air_valve_point	utilities_compressed_air_system	utilities	Point	utairvrv			utairvrv	N/A	N/A	1.75	A device to control flow through a compressed air line.	EMA	TSSDS	new
200786	preserve_area	flora_preservation	flora	G/GT Polygon	flprzare			flprzare	N/A	N/A	1.75	An area of forest that is being managed as a preserve due to its unique characteristics such as an old growth area or good species habitat area.	EMA	TSSDS	new
200787	forest_interior_dwelling_species_area	flora_preservation	flora	G/GT Polygon	flprzld			flprzld	N/A	N/A	1.75	IDS are habitat areas with specific characteristics that are attractive to neo-tropical migratory bird species.	EMA	TSSDS	new
200789	tree_plantation_area	flora_preservation	flora	G/GT Polygon	flprzph			flprzph	N/A	N/A	1.75	An area of forest that is being managed as an area for future or ongoing timber harvesting.	EMA	TSSDS	new
200790	land_management_zone_area	land_status_land_management	land_status	G/GT Polygon	lsmgtzon			lsmgtzon	N/A	N/A	1.75	Feature used to divide a land area up into management zones. This can be used to define service areas, architectural style zones, or just some arbitrary division of the land.	EMA	TSSDS	new
200791	compressed_air_drain_sep_point	utilities_compressed_air_system	utilities	Point	utairsep			utairsep	N/A	N/A	1.75	Condensation drain in a compressed air line.	EMA	TSSDS	new
200792	compressed_air_pipe_line	utilities_compressed_air_system	utilities	String/Chain		utairpip		utairpip	N/A	N/A	1.75	A pipe used to carry compressed air from location to location	EMA	TSSDS	new
200793	saltwater_valve_pit_point	utilities_saltwater_system	utilities	Point		utswtpit		utswtpit	N/A	N/A	1.75	A below grade chamber too small to enter, containing one or more valves.	EMA	TSSDS	new
200794	saltwater_valve_point	utilities_saltwater_system	utilities	Point		utswtrivr		utswtrivr	N/A	N/A	1.75	A device to control flow through a saltwater line.	EMA	TSSDS	new
200795	saltwater_hose_line	utilities_saltwater_system	utilities	String/Chain		utswthsl		utswthsl	N/A	N/A	1.75	A flexible conduit for conveying saltwater	EMA	TSSDS	new
200796	saltwater_line	utilities_saltwater_system	utilities	String/Chain		utswtlrm		utswtlrm	N/A	N/A	1.75	A pipe used to carry saltwater from location to location.	EMA	TSSDS	new
200797	culvert_centerline	utilities_general	utilities	String/Chain		utgencul		utgencul	N/A	N/A	1.75	A concrete ditch with a concrete cover used to house piping for various utilities systems.	EMA	TSSDS	new
200798	tunnel_centerline	utilities_general	utilities	String/Chain		utgentun		utgentun	N/A	N/A	1.75	An opening which goes through an area which holds piping for various utilities systems and is inaccessible.	EMA	TSSDS	new
200799	recreation_feature_line	improvement_outdoor_recreation	improvement	String/Chain		imrecft		imrecft	N/A	N/A	1.75	Linear recreation features such as temporary parking along roads.	EMA	TSSDS	new
200800	riparian_forest_buffer_project_area	flora_preservation	flora	G/GT Polygon	flprzrpf			flprzrpf	N/A	N/A	1.75	An area that has been identified for the establishment of a riparian forest buffer. Riparian forest buffer project areas are only the areas where the natural environment needs to be enhanced through a replanting effort, fencing to harbor the natural regen	EMA	TSSDS	new
200801	riparian_forest_buffer_area	flora_preservation	flora	G/GT Polygon	flprzrpf			flprzrpf	N/A	N/A	1.75	An area of trees, usually accompanied by shrubs and other vegetation, that is adjacent to a body of water which is managed to maintain the integrity of stream channels and shorelines, to reduce the impact of upland sources of pollution by trapping, filter	EMA	TSSDS	new
200802	coordinate_grid_area	common_grid	common	G/GT Polygon	cmgrdcga			cmgrdcga	N/A	N/A	1.75	A regular pattern of polygons that represent arbitrary delineations of an area. This can be used for locator grids or reference to the footprint of an orthorectified photograph.	EMA	TSSDS	new
200803	explosive_transportation_route_line	military_safety	military_operations	String/Chain		mlsftrt		mlsftrt	N/A	N/A	1.75	Feature used to track the approved routes for the transportation of explosives on an installation. Routes are identified by the class of explosives they are approved to handle.	EMA	TSSDS	new
200805	gate_line	improvement_general	improvement	String/Chain		imgengt		imgengt	N/A	N/A	1.75	The location of the gate associated with the line of the fence.	EMA	TSSDS	new
200806	communications_antenna_guy_line	communications_general	communications	String/Chain		cogenguy		cogenguy	N/A	N/A	1.75	The cable used to support and provide stability to antenna structures.	USAED-Savannah	TSSDS	new
200807	storm_sewer_headwall_point	utilities_storm_system	utilities	Point		utstohdp		utstohdp	N/A	N/A	1.75	A wall (of any material) at the end of a culvert or drain to serve one or more of the following purposes: protect fill from scour or undermining; increase hydraulic efficiency, divert direction of flow, and serve as a retaining wall.	USAED-Savannah	TSSDS	new
200808	airfield_surface_marking_line	transportation_air	transportation	String/Chain		traimrk		traimrk	N/A	N/A	1.75	Markings placed on an airfield surface which aid in its use. Examples are landing indicators and runway designators.	EMA	TSSDS	new
200809	police_responsibility_area	boundary_public_safety	boundary	G/GT Polygon	bdpubpol			bdpubpol	poltyp_d	d_dpoly	1.75	Geographic areas under the responsibility or control of specific police departments.	Upper 90	TSSDS	new
200810	fire_department_responsibility_area	boundary_public_safety	boundary	G/GT Polygon	bdpubflr			bdpubflr	N/A	N/A	1.75	Geographic areas under the responsibility or control of specific fire departments.	Upper 90	TSSDS	new
500000	photograph_location_point	common_media	common	Point		cmmedpho		cmmeding	N/A	N/A	1.75	The location where the photograph is taken. The camera location.	USAED-Savannah	TSSDS	new
500001	image_area	geodetic_survey	geodetic	G/GT Polygon	gdsrvimg			gdsrvimg	N/A	N/A	1.75	The image foot print or coverage area.	USAED-Savannah	TSSDS	new
500004	electrical_riser_point	utilities_electrical_system	utilities	Point		utelerip		utelerip	N/A	N/A	1.75	The location where underground cable transitions to overhead.	USAED-Savannah	TSSDS	new
500005	industrial_waste_storage_area	utilities_industrial_system	utilities	G/GT Polygon	utinwvlt			utinwvlt	N/A	N/A	1.75	A structure used to contain and hold industrial waste.	USAED-Savannah	TSSDS	new
500006	wastewater_sludge_bed_area	utilities_wastewater_system	utilities	G/GT Polygon	utwwtsgb			utwwtsgb	N/A	N/A	1.75	An area used for spreading and drying waste sludge.	USAED-Savannah	TSSDS	new